

Mio 269

User's Manual



US Version

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Note

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Before You Begin

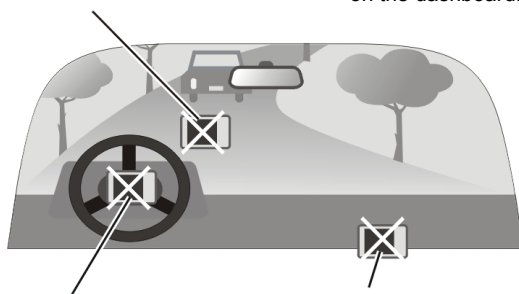
Precautions and Notices

- For your own safety, do not operate the controls of the product while driving.
- Use this product prudently. The product is intended to be used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography.
- The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations along the roads.
- When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction and/or danger.
- GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.
- A minimum of 4 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).
- Other wireless devices in the vehicle might interfere with the reception of satellite signals and cause the reception to be unstable.

- A car holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

Do not mount where the driver's field of vision is blocked.

Do not place unsecured on the dashboard.



Do not mount in front of airbag panels.

Do not mount in front of an airbag field of deployment.

Features

GPS Navigation Features

- Electronic maps of North America with roads, freeways, highways, railways, rivers, lakes, points of interest, etc.
- GPS positioning
- Optimal route calculation and trip plan
- Friendly and efficient navigation with turn-by-turn, voice, and visual guidance
- Various ways for searching a location on the map
 - Using a known address
 - Using a POI (point of interest)
 - Using Favorites (personal stored locations)
 - Using History (previous destinations)
- Viewing modes for different needs and situations:
 - 2D, 2D Night, 3D, 3D Night view
 - Turn-by-turn view of the route
 - Driving direction of the route
- Recording and playback of journeys

Other Features

- **MP3 Player:** playing MP3 music.
- **Contacts:** viewing and managing contacts information.

About this Manual

This manual is divided into four major parts:

- **Part I “Basic Operations”** (Chapters 1 to 3) tells you how to get your device running and customize system settings.
- **Part II “GPS Navigation”** (Chapters 4 to 8) tells you how to use the GSP navigation functions.
- **Part III “More Tools”** (Chapters 9 and 11) introduces MP3 Player, Contacts, and data transfer tools.
- **Part IV “References”** (Chapters 12 and 13) gives guidelines on troubleshooting and maintenance and provides the regulatory information.

Part I. Basic Operations

Part I guides you through the process of getting your device running, familiarizes you with the external components, and tells you how to customize system settings.

1

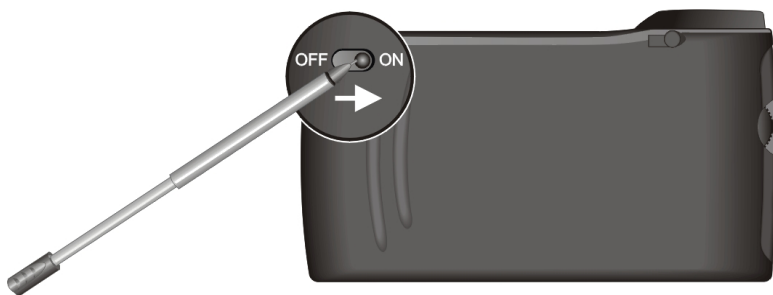
Getting Started

This chapter tells you step by step how to perform the initial startup and introduces the components of your device.

1.1 Performing the Initial Start Up

1. Pull out the stylus and use it to slide the ON/OFF switch to the ON (right) position.

CAUTION: Always leave the ON/OFF switch in the ON position for normal operation.



2. Your device turns on and displays the “Switch Language” screen. You can tap the left/right arrow to select a language if your region of purchase is a country with multiple languages. Tap  to continue.



NOTE: If multiple languages are available, you can change the language later on by tapping **Setting** → **Switch Language**. (See section 3.6 for details.)

3. The “Date&Time” screen appears. Tap the appropriate arrow button to select the time zone, date, and time. Then tap  to continue.



NOTE: You can change the time zone, date, and time later on by tapping **Setting** → **Date&Time**. (See section 3.5 for details.)

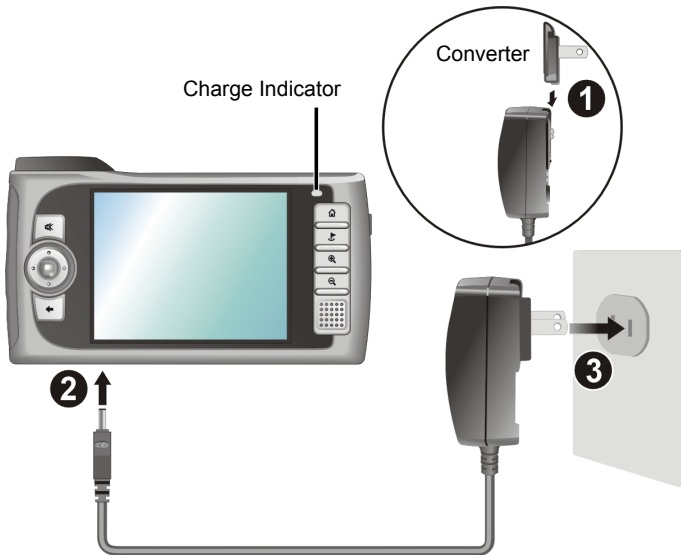
4. The Home screen appears as shown below. You can now use your device.



1.2 Connecting to AC Power and Charging the Battery

Fully charge the battery before using your device for the first time.

1. Slide and click the connector converter onto the AC adapter.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC adapter into a wall outlet.



The charge indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, when the charge indicator turns green. This will take a couple of hours.

NOTE:

- When charging the battery for the very first time, you should charge it for at least 8 hours.
- Do not immediately turn on your device after connecting the AC adapter to charge a power-depleted battery. If you need to turn on the device again, wait for at least one minute.
- Depending on your region of purchase, the connector converter may not look exactly the same as the picture shown.

1.3 Using Your Device in a Vehicle

A car holder and a car charger are supplied with your device.

Using the Car Holder

CAUTION:

- Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.
- If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

The car holder consists of a bracket and a flexible window mount. Use the car holder to fix your device in a vehicle. (See the document supplied with the car holder for the installation instruction.)



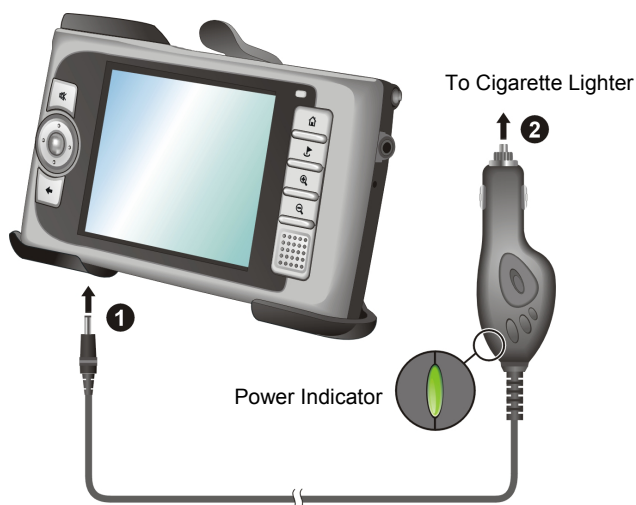
NOTE: Depending upon the specific model purchased, the car holder supplied with your device may not look exactly the same as the picture shown.

Connecting the Car Charger

The car charger supplies power to your device when you are using the device in a car.

CAUTION: To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.

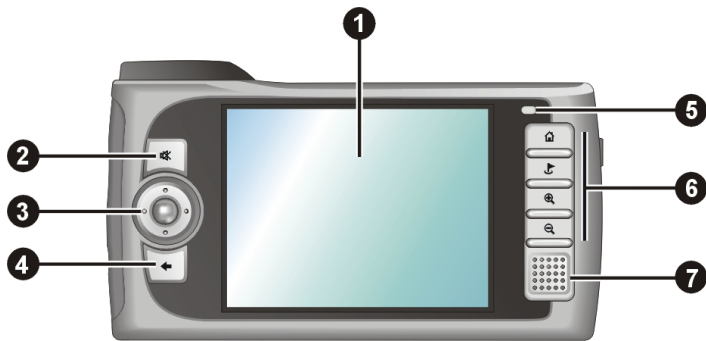
1. Connect one end of the car charger to the power connector of your device.
2. Connect the other end to the cigarette lighter in the car to power and charge your device. The indicator on the car charger lights in green to indicate that power is being supplied to your device.



1.4 Understanding Hardware Features

NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

Front Components



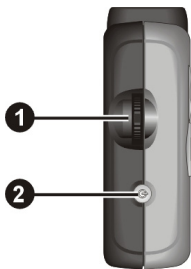
Ref	Component	Description	See Also
❶	Touch Screen	Displays the output of your device. Tap the screen with the stylus to select menu commands or enter information.	
❷	Mute Button	Toggles the mute on and off.	Section 2.2
❸	Navigation Pad	Moves up, down, left or right by pressing the corresponding area of the pad. Selects highlighted item by pressing in the center.	Section 2.2
❹	Back Button	Goes back to the previous screen.	Section 2.2
❺	Charge Indicator	Glowes bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.	Section 1.2
❻	Quick Buttons	 Home  Navigation Settings  Zoom In  Zoom Out	Section 2.2 Chapters 5~8 Section 4.3
❼	Speaker	Sends out music, sounds and voice.	

Back Components



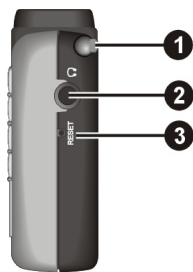
Ref	Component	Description	See Also
1	ON/OFF Switch	The main power/battery cutoff switch.	Section 1.1
2	External Antenna Connector	This connector (under rubber dust cover) allows use of an optional external antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.	

Left-Side Components



Ref	Component	Description	See Also
1	Volume Control	Adjusts the volume level of your device.	Section 2.2
2	Power Button	Turns on and off the device.	Section 2.1

Right-Side Components



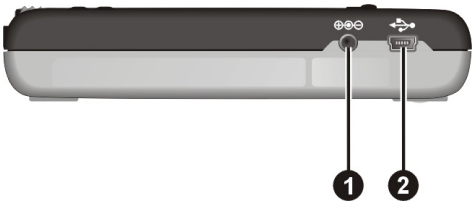
Ref	Component	Description	See Also
1	Stylus	Tap on the touch screen to make selections and enter information. Pull the stylus out of its slot to use it, and store it in the slot when not in use.	Section 2.2
2	Headphone Connector	Connects to stereo headphones.	
3	Reset Button	Restarts your device (soft reset).	Section 12.1

Top Components



Ref	Component	Description	See Also
1	GPS antenna	Receives signals from the GPS satellites overhead. Make sure that it has a clear view of the sky.	
2	SD/MMC Slot	Accepts a SD (Secure Digital) or MMC (MultiMediaCard) card for accessing data such as MP3 music.	Section 2.3

Bottom Components



Ref	Component	Description	See Also
❶	Power Connector	Connects to the AC adapter.	Section 1.2
❷	Mini-USB Connector	Connects to your computer for data transfer.	Chapter 11

2

Basic Skills

This chapter familiarizes you with the basic operations of your device such as using the Home screen and the hardware components.

2.1 Turning On and Off Your Device

Use the power button on the side of your device to turn on and off your device.

When you press the power button to turn off the unit, your device actually enters a suspend state and the system stops operating. Once you turn on the system again, it resumes.



Home Screen

The first time you turn on your device, the Home screen appears. The Home screen is your starting place for various tasks. Tap a button to start an application or open another menu screen.



Ref	Button	Description	See Also
❶	Navigator	Starts the Mio Map navigation software.	Chapters 4~8
❷	Music	Enables you to play MP3 files.	Chapter 9
❸	Tool	Allows you to view and manage your contacts information.	Chapter 10
❹	Setting	Allows you to customize system settings.	Chapter 3

Whenever you quit an application, you are back to the Home screen. You can also access the Home screen at any time (except when running the navigation software) by pressing the Home button .

2.2 Operating Your Device

To operate your device, use the hardware buttons and/or the stylus.

Using Hardware Buttons

Button	Name	Description	See Also
	Mute	Toggles mute on and off.	
	Back	Goes back to the previous screen.	
	Home	Not in Navigator: Returns to the Home screen. In Navigator: Defines an address or a POI as your home destination. - or - Navigates from your GPS position to your home destination if you have already set the home destination.	Section 6.1
	Navigation Settings *	Access to 22 different navigation related tools categorized under Destinate, View and Options menu screens. Press the button repeatedly to cycle through the available menus.	Chapters 5~8



Zoom In * Increases the map scale.

Section 4.3



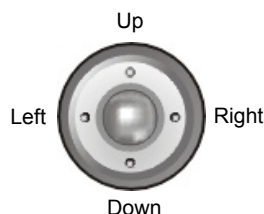
Zoom Out * Decreases the map scale.

*** Table Note:** This button works only when running the navigation software.

Using the Navigation Pad

With the navigation pad, you can move up, down, left and right within a menu.

To move in a direction, simply press the corresponding arrow on the button. To activate the selected item, press the center of the button.



Using the Volume Control

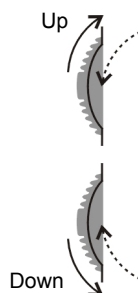
Your device provides 10 volume levels (from mute to the maximum). When you use the volume control on the left side of the device to adjust volume, bar(s) will appear on the screen to indicate the current volume level.

- **To increase the volume**

Rotate the volume control upward and then release.

- **To decrease the volume**

Rotate the volume control downward and then release.



Using the Stylus



The stylus is your input device. You use it to navigate and select objects on the screen.

Pull the stylus out of the slot and extend it for ease of use. Store it in the slot when not in use.

You can use the stylus to do the following actions:

- **Tap**
Touch the screen once with the stylus to open items or select options.
- **Drag**
Hold the stylus on the screen and drag up/down/left/right or across the screen.
- **Tap and hold**
Tap and hold the stylus until an action is complete, or a result or menu is shown.

2.3 Using a SD/MMC Card

Your device has a SD/MMC slot where you can insert an optional Secure Digital or MultiMediaCard storage card.

NOTE:

- Make sure that no foreign objects enter the slot.
- Keep a SD or MMC card in a well-protected box to avoid dust and humidity when you are not using it.

To use a SD/MMC card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.



To remove a card, first make sure that no application is accessing the card, then slightly push the top edge of the card to release it and pull it out of the slot.

3

System Settings

Your device has default system settings. You can customize the settings to suit your personal needs. Once you change settings, your new settings will remain until you change them again.

3.1 Using System Settings

To open the Settings screen, tap the **Setting** button on the Home screen.



The Settings screen contains seven buttons as shown below. The following sections describe these buttons and their functions.

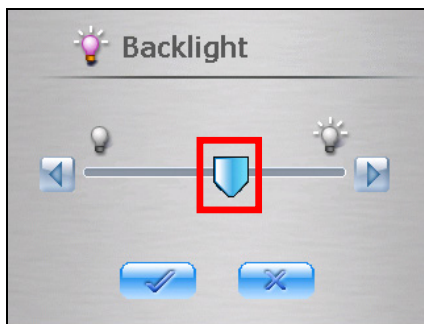


3.2 Backlight

1. Tap the **Setting** button on the Home screen to open the Settings screen.
2. Tap the **Backlight** button on the Settings screen.



3. Move the slider along the track bar to adjust. To darken the screen, move the slider to the left. To lighten the screen, move the slider to the right.



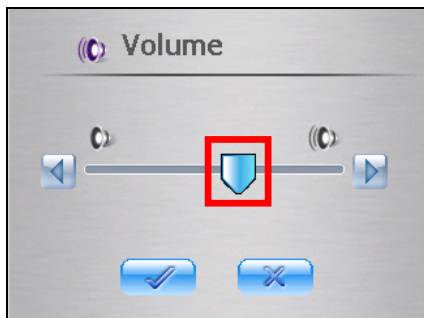
4. Tap the  button to save the changes and go back to the Settings screen.

3.3 Volume

1. Tap the **Setting** button on the Home screen.
2. Tap the **Volume** button on the Settings screen.



3. Move the slider along the track bar to adjust. To decrease the volume, move the slider to the left. To increase the volume, move the slider to the right.

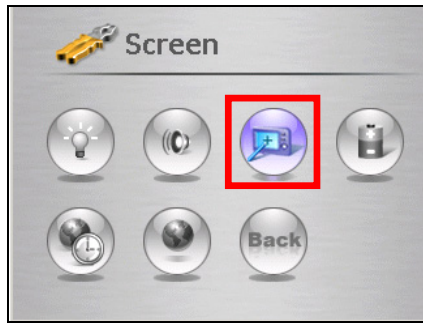


4. Tap the  button to save the changes and go back to the Settings screen.

3.4 Screen

You can calibrate the touch screen if it is not responding accurately to your stylus taps.

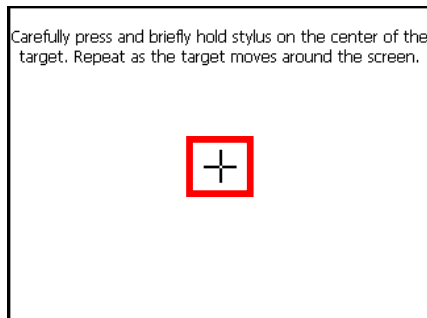
1. Tap the **Setting** button on the Home screen.
2. Tap the **Screen** button.



3. Tap  to start the calibration.



4. Tap and hold at the center of the target.



5. When the target moves to another position, tap and hold at the center of the new target. Repeat each time to complete the calibration process.
6. When completed, tap  button to return to the Settings screen.

3.5 Power

To check the remaining power level of your battery and/or set up the power saving feature:

1. Tap the **Setting** button on the Home screen.
2. Tap the **Power** button.



3. The Power screen appears showing the remaining power of your battery.

NOTE: If the level of power is too low, be sure to charge the battery with the AC adapter or the car charger.

You can set a timer to automatically turn off your device when it is idle for a set period of time. The options include **Never**, **30 minutes**, **20 minutes**, and **10 minutes**.

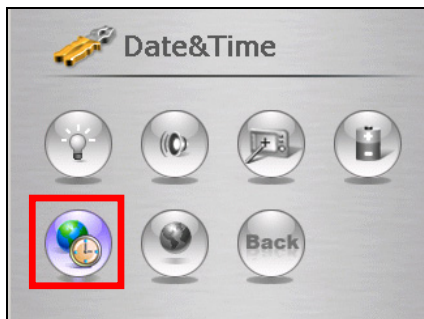


4. Tap the  button to save the changes and go back to the Settings screen.

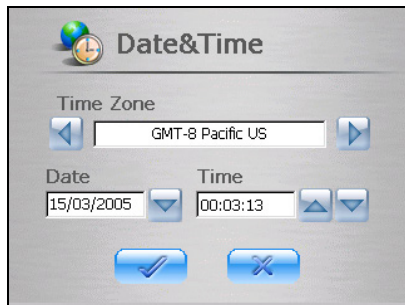
3.6 Date&Time

To set the date and time:

1. Tap the **Setting** button on the Home screen.
2. Tap the **Date&Time** button.

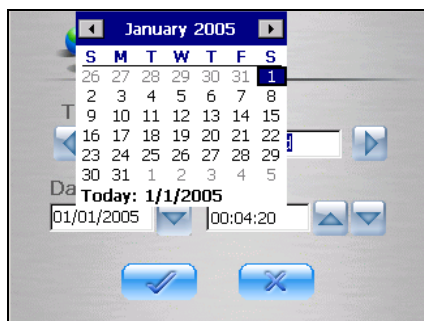


3. To change the time zone, tap the left/right arrow in the **Time Zone** item.



4. To change the date, tap the down arrow in the **Date** item. A calendar pops up. Tap the left arrow on the calendar to go to the earlier month and year or the right arrow to the later month and year. Alternatively, you can tap the month or year on top of the calendar to directly change the month or year.

When the calendar shows the current month, tap the date on the calendar.



5. To set the time, first tap the hour, minute, or second in the **Time** item and then tap the up arrow to increase or down arrow to decrease the value.
6. Tap the  button to save the changes and go back to the Settings screen.

3.7 Switch Language

To change the system and voice language:

1. Tap the **Setting** button on the Home screen.
2. Tap the **Switch Language** button.



3. If your device supports multi-languages, tap the left or right arrow to select the system language.



| NOTE: The available language options depend on your region of purchase.

4. Tap the  button to save the changes and go back to the Settings screen. The language change will take effect after you exit the Settings screen.

3.8 Back

The **Back** button brings you back to the Home screen.



Part II. GPS Navigation

Part II tells you how to use the Mio Map GPS navigation software.

4

Mio Map Overview

Mio Map is a full-featured mobile satellite navigation software. Utilizing the onboard GPS (Global Positioning System), Mio Map can pinpoint your location and give accurate directions to your destinations with turn-by-turn, voice, and visual guidance.

NOTE: In case the map data or Mio Map software in the hard drive is lost or damaged, you can use the Recover tool to restore. (See section 11.5 for instructions.)

4.1 Navigation Terminology

Get familiar with some terminology used by Mio Map and you are ready to start.

GPS	GPS (Global Positioning System) is a “constellation” of 24 well-spaced satellites that orbit the Earth and make it possible for vehicles/people/assets enabled with GPS antennas to pinpoint their location.
Route	Route is a course calculated by Mio Map, starting from the origin to the destination.
Origin	Origin is your starting point for a route. It is either your GPS position or a location selected by you on the map.
Destination	Destination is your end point for a route.
Destinate	Destinate is the menu that provides you with several ways of selecting a location, including Address, POI, Favorites and History.
Navigation	Navigation is the process where Mio Map leads you from your origin to your destination.

Navigate



Navigate is the command that you use, after determining the origin and destination, to calculate a route and start navigation.

Navigation mode

vs.

Planner mode

Mio Map can operate in either of the two modes:

- **Navigation Mode**

This is the default mode of operation. In this mode, GPS positioning is on. A blue route with a moving icon shows your progress.

- **Planner Mode**

In this mode, GPS positioning is off. Mio Map displays planned calculated routes, but not your progress.

Vehicle mode

vs.

Walker mode

Mio Map can operate in either of the two travel modes:

- **Vehicle Mode**

This is the default travel mode. An icon of green car indicates your GPS position on the map.

- **Walker Mode**

This mode is ideal when you are walking instead of driving. In this mode, an icon of footsteps indicates your GPS position. Several functions are closed while in this mode.

4.2 Starting Mio Map

1. Make sure that either the external power is available or the battery has power.
2. Make sure that the GPS antenna has a clear view of the sky.
3. Press the power button to turn on your device. If you see another program screen (such as MP3 player), exit the program to go back to the Home screen.
4. Tap the **Navigator** button on the Home screen to start the Mio Map navigation program.

NOTE: Whenever you start Mio Map, an agreement screen appears. Tap **Agree** or press the Back key to use Mio Map.



5. When you start Mio Map for the very first time, the default map in use is **Pacific, Mountain**. You must select a map that matches your location. To switch to another map, press the Navigation Settings button  twice and tap **Switch Maps**. (See section 7.3 for details.)
6. After the map is loaded, GPS positioning automatically starts. Once the system has a fix on your position, you will see a green car icon  on the map indicating your current position.

NOTE:

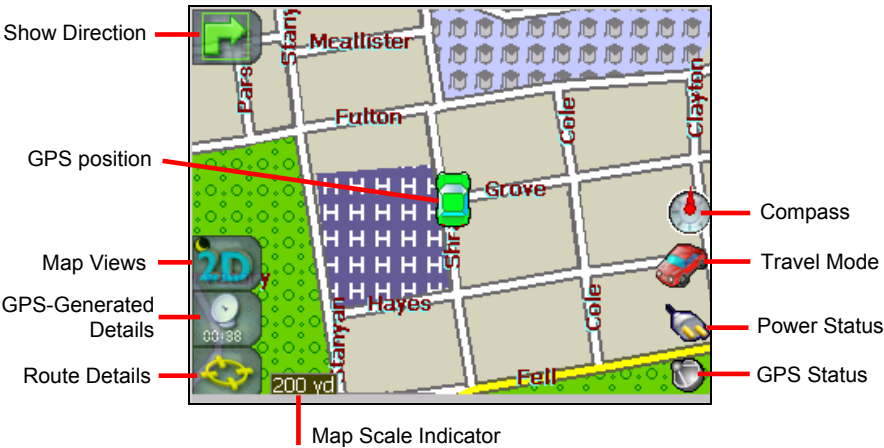
- For initial positioning, make sure that you remain at the same spot with a clear view of the sky. The GPS may take a few minutes to find its current location initially.
- The descriptions above assume that you are in the default Navigation mode (for Planner mode, see section 6.5) and Vehicle mode (for Walker mode, see section 6.1).
- You can tap the  icon at the bottom right corner of the screen to check the current GPS status. (See section 8.1 for further information.)

Getting Help

Mio Map has a tutorial available with basic navigational definitions and instructions. At the map screen, press the Navigation Settings button  twice to access the Options menu and tap **Help**.

4.3 Map, Buttons, and Status Icons

The map screen contains a scalable map in the middle, map screen buttons along the left side, and status icons along the right side.



Map Screen Buttons

Map screen buttons provide a quick way to switch modes or view information without leaving the map screen. They operate in a cyclic way. The current icon indicates the next mode to use or item to display. See the table below for descriptions of the buttons.

Name	Description	See Also
Show Directions	Tap to show the next turn or driving direction information. This button works only after a route has been calculated.	Section 7.2
	Tap to show the next turn information in a details bar.	
	Tap to show a complete list of driving directions.	
	Tap to close the driving direction screen.	

Map Views	Tap to switch the map view to one of the following.	Section 7.1
	 2D Night view   3D view   3D Night view   2D view	
GPS-Generated Details	Tap to display GPS-generated details as below in a details bar. This button works only when there is a GPS fix.	
	 Current time and power status   Latitude and longitude of the current GPS position   Street name of the current GPS position   Altitude of the current GPS position   Current driving or moving speed   Tap to close the GPS details bar.	
Route Details	Tap to display details of the calculated route as below. This button works only after a route has been calculated.	
	 ETA and ETR information of your route   Distance to your destination   Tap to close the route details bar.	

NOTE: Map screen buttons are still valid for tapping even though they dim out after a short period of time.

Status Icons

Status icons show the current status of Mio Map. You can also tap some of the icons to view details or switch to a different mode. See the table below for descriptions of the icons.

Name	Icon	Description	See Also
Compass		Shows the direction of north.	
Travel Mode		Indicates that you are currently in Vehicle mode. Tap to switch to Walker mode.	Section 6.1
		Indicates that you are currently in Walker mode. Tap to switch to Vehicle mode.	
Power Status		Displays the battery status with the yellow segment indicating the remaining battery level. When the battery power is low, a warning message will appear.	
		Indicates that AC power is in use.	
GPS Status		A red icon indicates that no GPS fix is available. Tap to display the GPS status screen.	Section 8.1
		A green icon indicates that there is a GPS fix. Tap to display the GPS status screen.	

Zooming the Map

You can zoom the map from 100 yards (75 meters) to 1000 miles (1500 km). To zoom in or out the map, press the Zoom In button  or Zoom Out button .

NOTE: You may need to press the Zoom In or Zoom Out button several times for the map scale indicator to update.

Automatic Zoom On

While in Navigation mode, the Automatic Zoom mode is turned on by default.

The zoom level automatically adjusts for the current speed of the vehicle. You can still manually zoom in/out to override the auto zoom. After a few seconds, the zoom level automatically returns to the default setting.

Automatic Zoom Off

If you turn off Automatic Zoom mode, you can zoom in or out manually and the map display will remain at that level. To turn off Automatic Zoom, just press the Navigation Settings button  twice and tap **Map Settings**, then un-tick Automatic Zoom.

Dragging the Map (In 2D View Only)

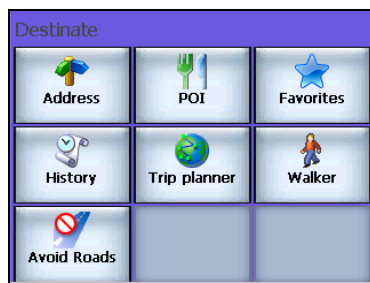
When you drag the screen with the stylus, the map moves accordingly. You can also use the navigation pad on your device to scroll the map in all four directions. However, the map always returns to the GPS position if there is a GPS fix.

4.4 Navigation Settings Menus

Press the Navigation Settings button  repeatedly to cycle through **Destinate**, **Options**, and **Settings** menus.

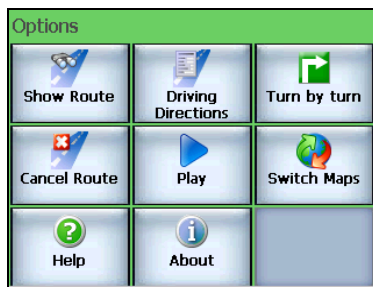
- **Destinate Menu**

Provides ways and options for selecting your destination.



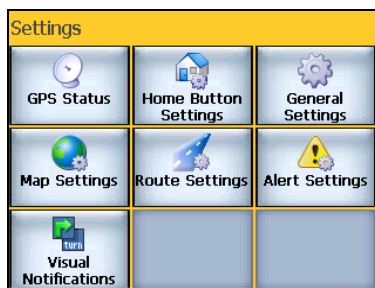
- **Options Menu**

Provides route and map options.



- **Settings Menu**

Allows you to customize Mio Map settings.



4.5 Quitting Mio Map

Always quit Mio Map when you have finished using the program.

To quit, tap the Back button  on your device and tap **Yes**.

5

Basic Navigation

For Mio Map to calculate a route, you need an origin (starting point) and a destination (end point). Then, you can start your journey with Mio Map guiding you along the roads.

NOTE: This chapter assumes that you are in the default Navigation and Vehicle mode. To know how to use the other modes (Planner mode and Walker mode), see sections 6.5 and 6.1 respectively.

5.1 Selecting an Origin

By default, your origin is your GPS position.

5.2 Selecting a Destination

You can easily select a destination from any of the followings:

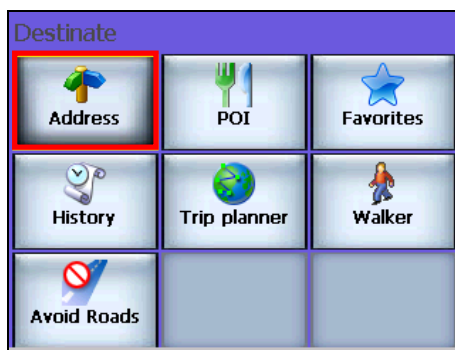
- A known address, intersection, or zip code
- A Point Of Interest (POI) from the list
- A location in Favorites (personal stored locations)
- An address in History (previous destinations)
- A location on the map (with stylus taps)
- Home (predefined location)

NOTE: If there are roads that you want Mio Map to avoid when calculating a route, use the Avoid Roads function. (See section 6.2 for instructions.)

Using Address

If you have information such as address, intersection, or zip code of your destination, you can use this method to select a location.

1. Press the Navigation Settings button  once and tap **Address**.



2. By default, the sequence for entering the address is **City → Street → Number**. Displayed on the screen is the city name that tops the city list in the alphabetical order.



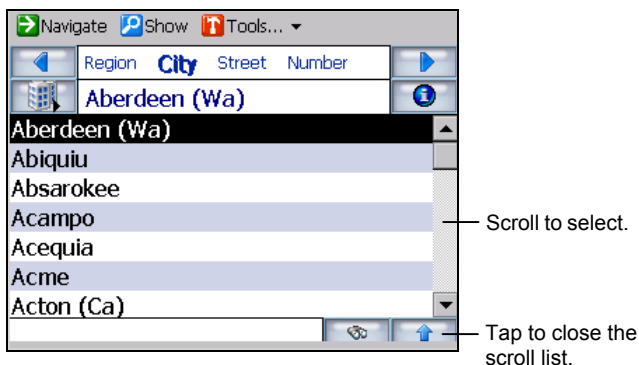
NOTE:

- By tapping **Region**, you can switch to another map. This cross-region navigation feature allows you to navigate a route that extends across more than one region (map).
- You can change the sequence for entering the address using the  button. (See the subsection later on for instructions on using a different address sequence.)
- When using the soft keyboard, tap the  button once to switch to the alphabetical-order keyboard and twice to switch to the number/symbol keyboard.

3. Use one of the following ways to select a city.

- **Search from the full scroll list.** (This method is slower.)

Tap the  button to expand the scroll list of all the cities in the current region. You can then scroll through the list and tap (highlight) the desired city.



- **Use the soft keyboard.**

Tap the soft keyboard to enter the first few characters of the city name. As you enter characters, the scroll list updates according with the first match displaying on the screen. For more matching choices, tap the  button to expand the scroll list and tap (highlight) the desired city.



- **Use the key letter search.**

If you don't know the entire name of a city, you can type in part of the name and tap the  button. Then tap the  button to expand the scroll list that displays all names containing your typed sequence and tap (highlight) the desired city.

NOTE: To close the scroll list, tap the  button.

- After selecting the city, tap **Street** to select the street name. You can select the street name the same way you select the city name.



- After selecting the street, tap **Number**. Tap  twice to switch to the numerical keyboard and enter the numbers.



NOTE: Tapping  provides more information on the selected location.

- You can preview your destination by tapping **Show** (top toolbar).



7. To calculate the route, tap **Navigate** (top toolbar). The route is shown as a highlighted blue line starting from your origin to your destination. (See section 5.3 for more information.)

Using a Different Address Sequence

Tapping the  button cycles through the different ways of specifying your address.

-  **City → Street → Number**
This is the default sequence.
-  **Street → City → Number**
This sequence is recommended for larger cities.
-  **Zip → Street → Number**
-  **Street → Zip → Number**
-  **Intersection**

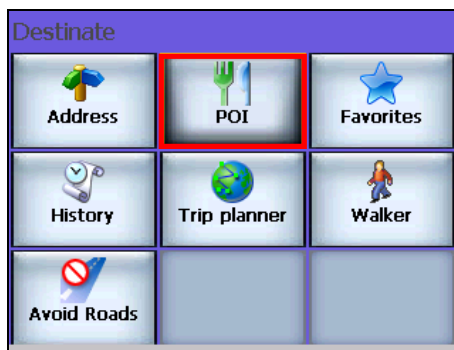
If your destination is an intersection and you know the names of the two streets, you can use this method. After you select the first street and tap the next **Street** (top of the screen), the names of the streets that intersected with the first street are displayed. You can then select the second street.

Using Point of Interest (POI)

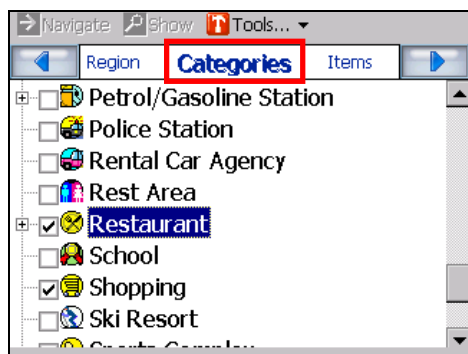
POI on a map represents local places of interest or importance. POIs are identified on the maps by various icons (e.g.  for **Banks** or  for **Restaurants**).

Mio Map allows you to choose your destination from a vast database of POIs. POI navigation is especially handy when you need to find a facility, attraction or amenity by the type or sort. For example, you can ask Mio Map to guide you to the closest bank, mall, hotel, restaurant, gas station, etc.

1. Press the Navigation Settings button  once and tap **POI**.



2. In the category list, tap (highlight) the desired category name (not the check box). You can scroll up or down for other choices. Expand categories with a [+] beside them for more detailed choices.



NOTE:

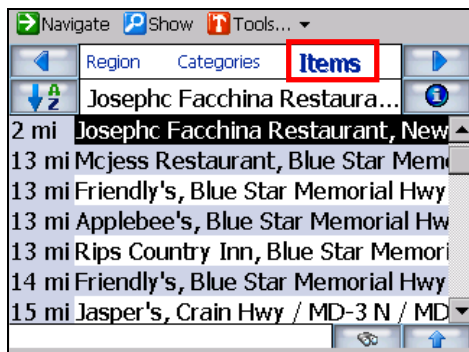
- By tapping **Region**, you can switch to another map. This cross-region navigation feature allows you to navigate a route that extends across more than one region (map).
- A check mark (✓) before a category means that the POI icons will display on the map.
- The plus sign (+) located to the left indicates that the main category contains at least one sub-category (e.g. Restaurants - Italian, Indian, Barbecue or Cajun).

3. Tap **Items**. Use one of the following ways to select a POI.

NOTE: The POIs are listed in order of distance. To sort them alphabetically, tap the  button.

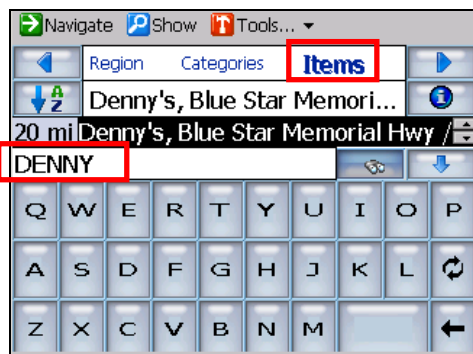
- **Search from the full scroll list.**

Tap the  button to expand the list of all the POIs matching the selected category or categories. You can then scroll through the list and tap (highlight) the desired POI.



- **Use the soft keyboard.**

To speed up the selection if you know the name of the POI, tap the soft keyboard to enter the first few characters of the name. As you enter characters, the scroll list updates according with the first match displaying on the screen. For more matching choices, tap the  button to expand the scroll list and tap (highlight) the desired POI.



- **Use the key letter search.**

If you don't know the entire name of a POI, you can type in part of the name and tap the  button. Then tap the  button to expand the scroll list that displays all names containing your typed sequence and tap (highlight) the desired city.

NOTE:

- To close the scroll list, tap the  button.
- Tapping  provides more information on the selected location.

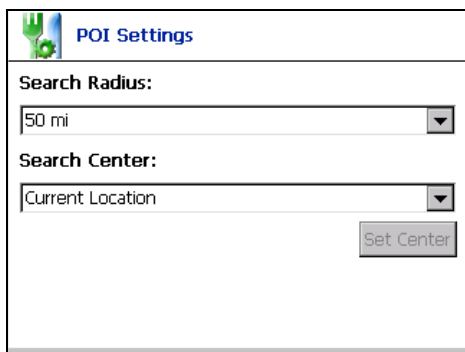
4. You can preview your destination by tapping **Show** (top toolbar).
5. To calculate the route, tap **Navigate** (top toolbar). The route is shown as a highlighted blue line starting from your origin to your destination. (See section 5.3 for more information.)

POI Settings

By default, Mio Map displays POIs in a 50-mile search radius with your current origin as the center. You can change the radius and center by using **Tools** (top toolbar) → **Settings**.

The **Search Radius** options are **Whole Map**, **100 mi**, **50mi**, **25mi**, **12mi**, **6mi**, and **3mi**. The **Search Center** options are **Current Location**, **Address**, **Favorites**, and **History**.

NOTE: POI settings will always return to the default values when you next use the POI function.

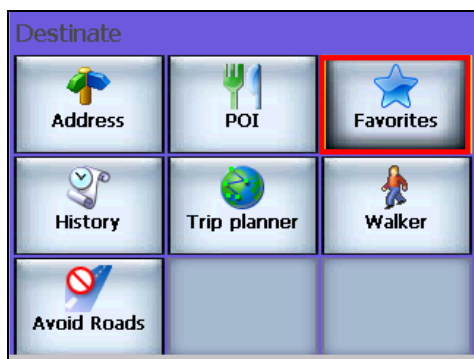


Using Favorites

Favorites is a collection of locations previously stored by you for future use. (See Section 6.3 for information on creating Favorites.)

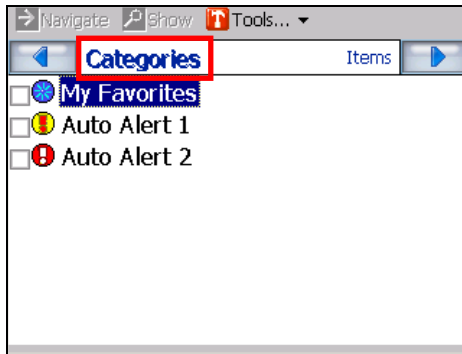
You can select a destination from the list of stored **Favorites**.

1. Press the Navigation Settings button  once and tap **Favorites**.

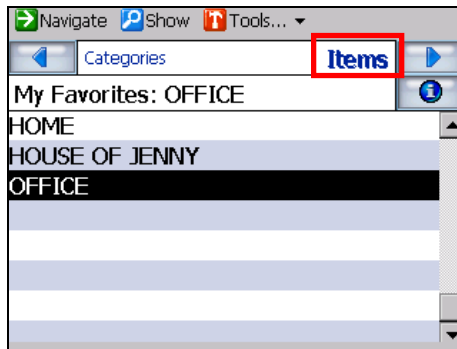


2. In the category list, tap (highlight) the desired category name (not the check box).

NOTE: A check mark (✓) before a category means the Favorites icons  will display on the map.



3. Tap **Items**. The favorite items for the selected category are listed.
4. Tap (highlight) the desired item.

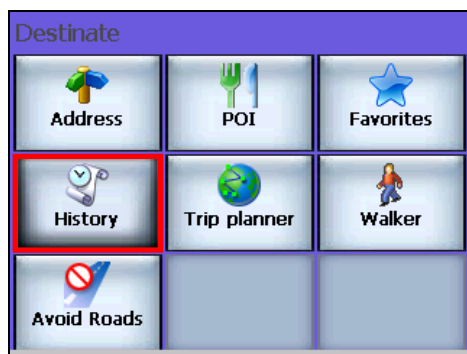


5. You can preview your destination by tapping **Show** (top toolbar).
6. To calculate the route, tap **Navigate** (top toolbar). The route is shown as a highlighted blue line starting from your origin to your destination. (See section 5.3 for more information.)

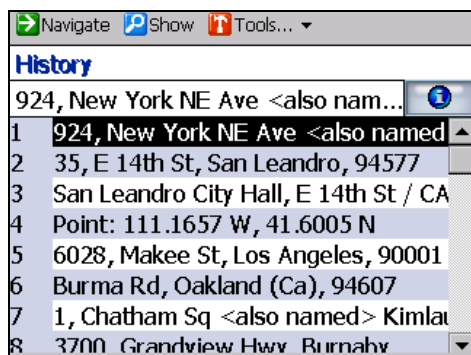
Using History

Use **History** to select an existing destination from a list of previously traveled destinations. Mio Map automatically stores the last few destinations in memory. (See section 6.4 for more information.)

1. Press the Navigation Settings button  once and tap **History**.



2. Tap (highlight) the desired item in the history list.



3. You can preview your destination by tapping **Show** (top toolbar).
4. To calculate the route, tap **Navigate** (top toolbar). The route is shown as a highlighted blue line starting from your origin to your destination. (See section 5.3 for more information.)

Using Map Cursor

Map Cursor means using the stylus to pinpoint a location on the map and then view details, set as origin, save the location to Favorites or initiate navigation to the location.

Navigate to **Map Cursor** is especially handy when you want to navigate to a physical location, facility, or attraction by its location on the map rather than by its street address.

1. Use the stylus to drag the map to a specific location or intersection of your choice.
2. Tap and hold the location with your stylus until the **Map Cursor** pop-up menu appears.



NOTE: To clear the pop-up menu, just tap the screen anywhere besides the menu.

3. Tap **Navigate** on the pop-up menu. The route is immediately calculated and shown as a highlighted blue line from your origin. (See Section 5.3 for more information.)

Using Home

Home is a friendly feature of your system. It allows you to press one single button , and immediately a route is calculated starting from your GPS position to your home.

To use this feature, you need to first set up the location of your “home.” (See section 8.2 for instructions.)

NOTE: If you press the Home button  without setting up first, you will be brought to the Home Button Settings screen.

5.3 Navigational Aids

Calculating a Route

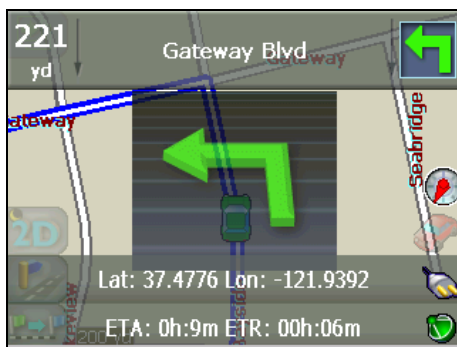
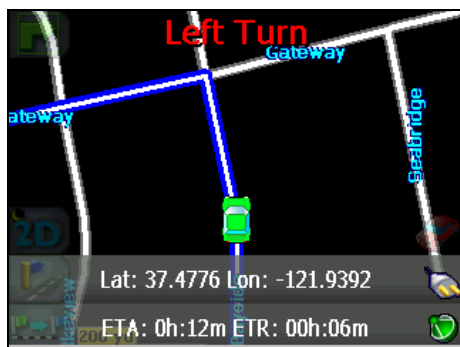
With a destination selected, tap **Navigate** (top toolbar). Mio Map calculates the route and shows the route in a blue line on the map.



You can start your journey right away. As you go along, Mio Map gives you turn-by-turn voice prompts to get you to your destination.

NOTE: When Mio Map program starts, the sound volume of your device is automatically adjusted to its highest level.

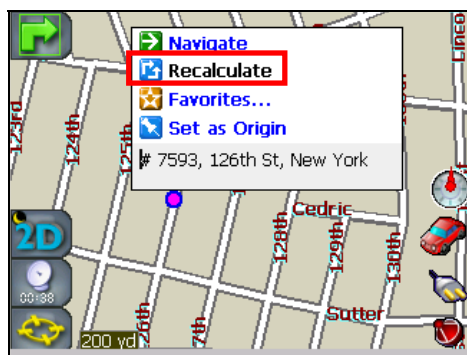
By default, Mio Map gives both voice and visual alerts at 3 miles, 2 miles, 1 mile, 500 yards, 300 yards, and 100 yards announcing upcoming turns or change of direction.



You may enable or disable voice and visual notifications by pressing the Navigation Settings button  three times and tapping **Alert Settings**. (See section 8.6 for more information.)

Recalculating the Route

While on the road, Mio Map automatically recalculates the route when you have deviated from the original route suggested. You can also tap and hold on the screen to bring up the Map Cursor pop-up menu and tap **Recalculate** to immediately recalculate the route.



If you hear on the radio that there are construction zones or traffic jams along your planned route, you can simply turn off to avoid those streets or highways, and Mio Map will automatically recalculate a new route.

5.4 Show Route

| NOTE: Show Route is not available in Walker mode.

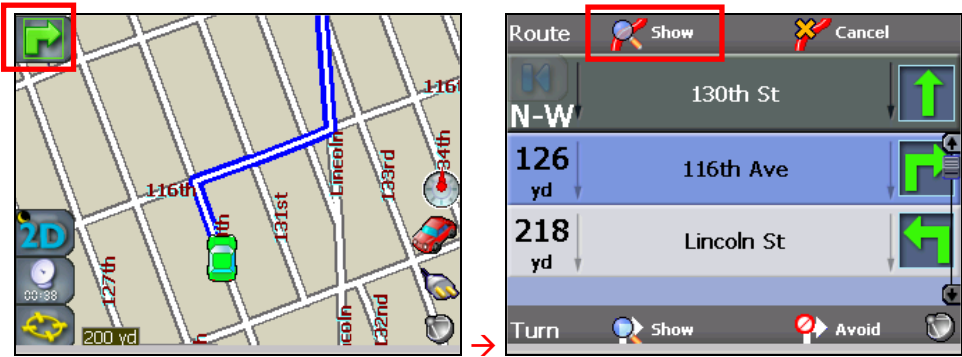
The **Show Route** feature displays the entire route, plus details as name, time, and distances of the route.

After calculating a route, you can show route in one of the two ways:

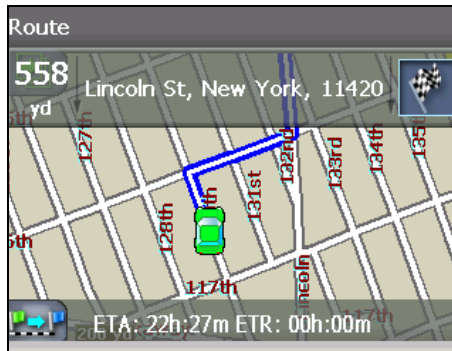
- Press the Navigation Settings button  twice and tap **Show Route**.



- Tap the  button (upper left corner) twice until the Driving Directions screen appears and tap  (top toolbar).



The Show Route screen provides the following information:



- On the map:
The starting point is indicated with a green car, and the destination with a black and white checkered flag. The calculated route is always displayed in blue.
- In the top details bar:
Total length of journey and address of the destination.
- In the bottom details bar
Estimate Time Of Arrival (ETA) and Estimated Time Remaining (ETR)

To exit the Show Route screen, press the Back button .

5.5 Cancel Route

Use **Cancel Route** to terminate navigation to a destination at any time. To cancel the route, you can use one of the two ways:

- Press the Navigation Settings button  twice and tap **Cancel Route**.
- Tap the  button (upper left corner) twice until the Driving Directions screen appears and tap  (top toolbar).

Once you cancel the route, the route is cleared and you can start all over again.

6

More Navigation Features

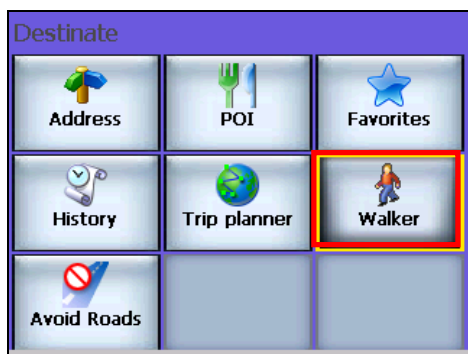
Mio Map provides various tools for easier, flexible, and enhanced use of navigation features.

6.1 Walker Mode

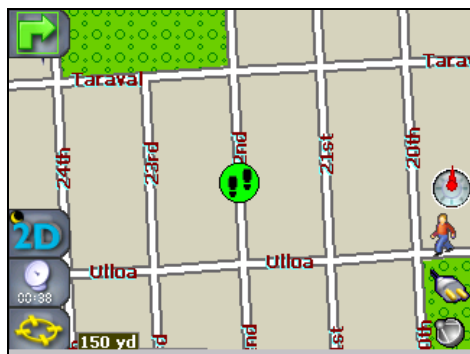
Walker mode is ideal when you are walking instead of driving. In Walker mode, Mio Map calculates a route appropriate for pedestrians, avoiding highways and freeways.

By default, Mio Map is in Navigation mode. To switch to Walker mode, use one of the two methods:

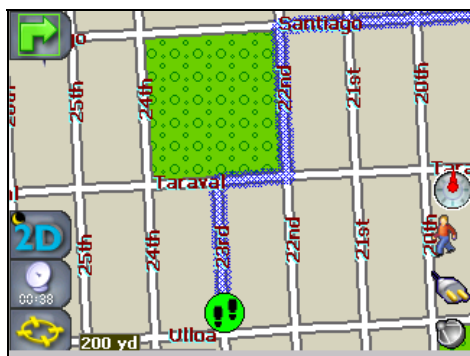
- Tap the status icon  on the right side of the map screen. The icon changes to .
- Press the Navigation Settings button  once and tap **Walker**.



The icon of green car on the map changes to footsteps .



You can select a destination the same way as in Vehicle mode. When you tap **Navigate**, Mio Map calculates a route and shows the route in a shaded blue line. You can then follow the planned route on the map. Note that navigational aids such as voice and visual prompts are not available in Walker mode.



NOTE:

- In Walker mode, your destination is limited to within around 6 miles.
- In Walker mode, the following navigation features are not available: Avoid Roads, Trip Planner, Show Route, Driving Directions, and Turn by Turn.

6.2 Avoid Roads

| NOTE: Avoid Roads is not available in Walker mode.

Avoid Roads allows you to specify that certain roads not be included in your route calculations. For example, there might be road works, detours, or other obstacles along your planned route. You can avoid these, as well as certain roads such as highways, expressways or toll roads.

A **Toll Roads** category is already built into Mio Map. You can also create your own restriction category.

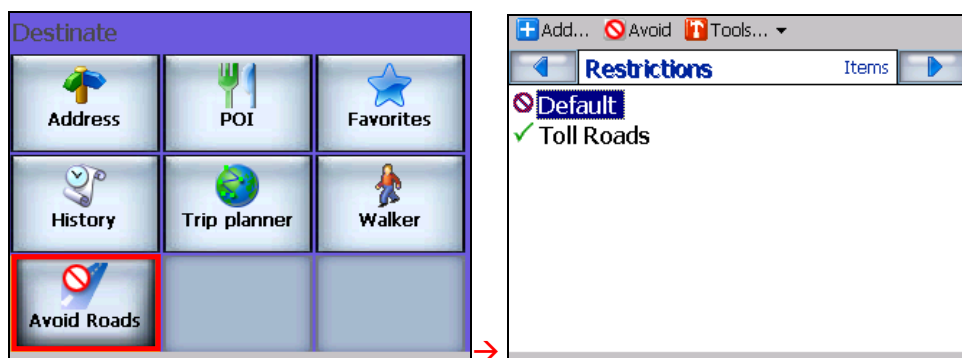
Using Avoid Roads is a two-part process:

- Part 1: Create a list of roads to avoid
- Part 2: Select the roads to be avoided before calculating a route

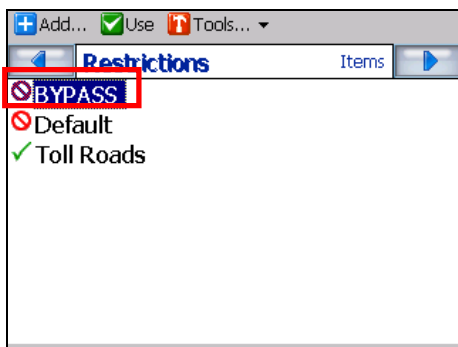
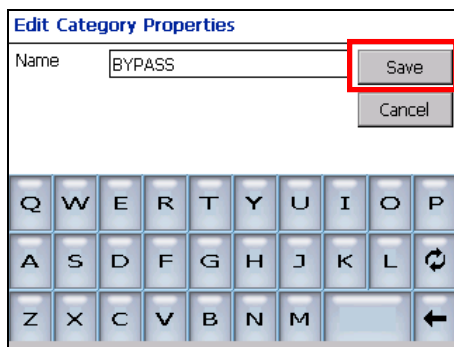
Creating a List of Roads to Avoid

You can create your own list of roads to avoid.

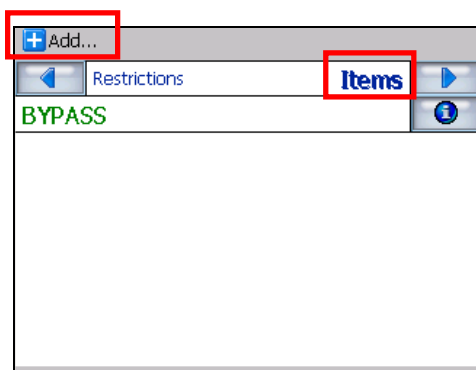
1. Press the Navigation Settings button  once and tap **Avoid Roads**.



2. You can tap a predefined category such as **Default** or create a new category. To add a category, tap **Add** (top toolbar), enter the desired category name (e.g. **Bypass**), and tap **Save**.

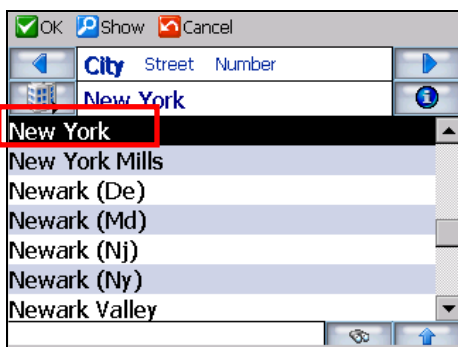


3. Tap **Items**.



4. Tap **Add** (top toolbar). The **City → Street → Number** menu appears.

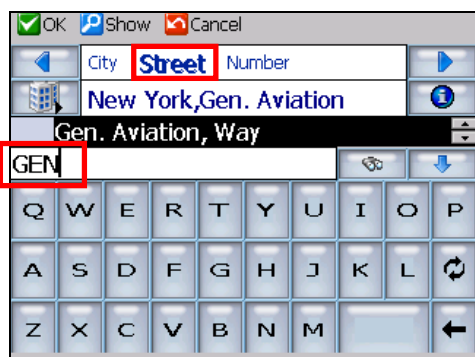
5. Enter the city name using the soft keyboard. Or you can tap the  button to expand the scroll list and tap (highlight) the city name.



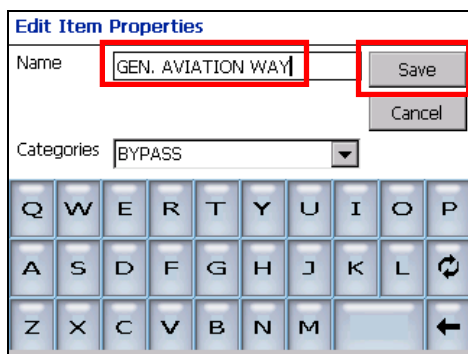
or

6. Tap **Street** and enter the street name using the soft keyboard. Or you can tap the  button to expand the scroll list and tap (highlight) the street name.

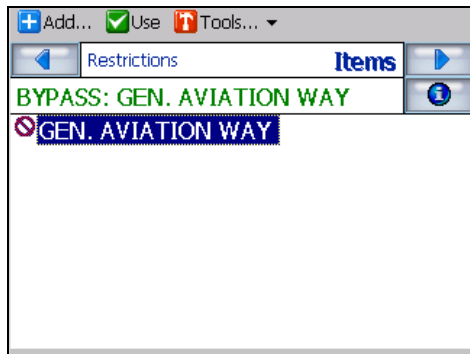
NOTE: If you make a mistake, tap **Cancel** (top toolbar) and repeat with the correct city and street names.



7. Tap **OK** (top toolbar). The “Edit Item Properties” screen appears. Enter a name that helps identify the item.



8. Tap **Save** to add the street to your list.



NOTE:

- You can save the selected street to another category if you wish.
- You can delete or edit a personal category or item using **Tools** on the top toolbar. (You cannot delete or edit the predefined categories and items.)

9. If there is more than one road to avoid, repeat and enter all the streets.

10. To go back to the map screen, press the Back button .

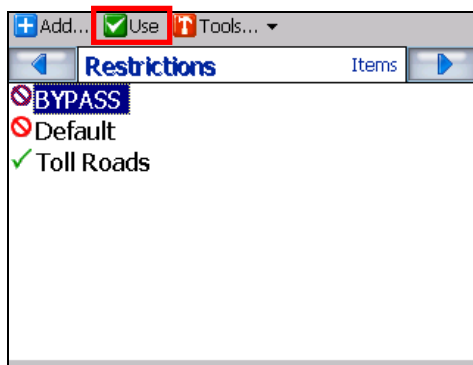
Selecting the Roads to Avoid

NOTE: By default, the Toll Road category is not avoided.

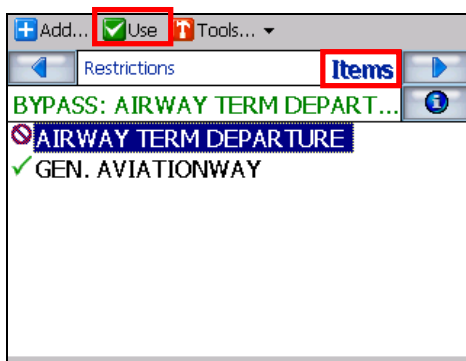
After creating the Avoid Roads list as described earlier, simply make sure that all the streets, roads or highways you want to avoid have a  before it. Then, Mio Map will avoid the selected roads when calculating the route.

If you are not avoiding all the roads in your next route, you can change the attribute of the road from  (avoid) to  (use).

1. Press the Navigation Settings button  once and tap **Avoid Roads**.
2. To change the attribute of a category, tap (highlight) the desired category and tap **Use** or **Avoid** (top toolbar). The attributes of all the items in the category will be changed accordingly.



3. If you are not avoiding all the roads in a category, select the category and then tap **Items**. Tap (highlight) the desired road in the list and tap **Use** or **Avoid** (top toolbar) as required.



4. Press the Back button  to exit and save any changes you have made.

6.3 Favorites and Auto Alerts

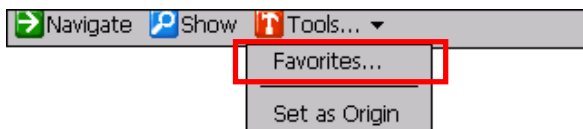
The **Favorites** feature allows you to save your frequently used locations for easy access later. It also includes two automatic alert categories - **Auto Alerts 1** and **Auto Alerts 2**. An “automatic alert” refers to an item that you configure so that Mio Map will alert you when you are within a certain distance of the item’s location.

Creating Favorites

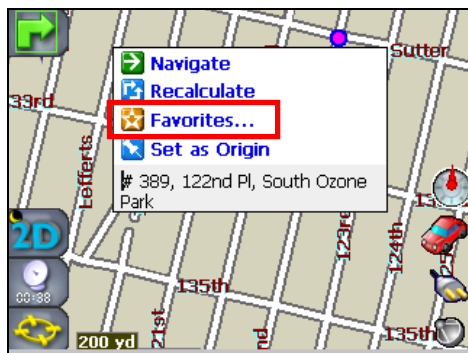
You select a location for your Favorites the same way you select a destination.

Follow this procedure to create a Favorites location:

1. Press the Navigation Settings button  once and select a location from Address, POI or History. (See section 5.2 for detailed information.) Then, tap **Tools** (top toolbar) → **Favorites**.



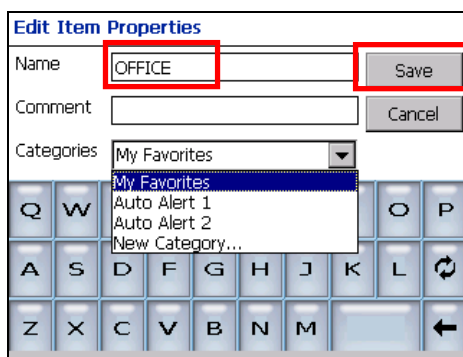
Or, you can drag the map and tap the location on the map. Then, tap **Favorites** in the Map Cursor pop-up menu.



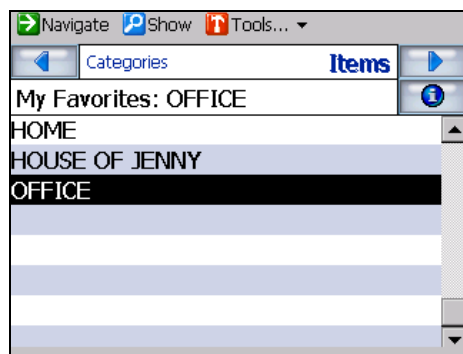
2. In the “Edit Item Properties” menu, enter a name and comment, if not already existing. Select a category as needed. (Default categories are **My Favorites**, **Auto Alert 1**, and **Auto Alert 2**.)

NOTE:

- Only those items found in either Auto Alert 1 or Auto Alert 2 will function as auto alerts. You must configure the Auto Alert categories for the audio alerts to take effect. (See “Configuring Auto Alert Category” later.)
- You may want to create a new category to store your Favorites in different groups. Tap the down arrow to pull down the menu of Categories and tap **New Category** → **Save**. Then type a name in the Edit Category Properties screen, select an icon for the category, and tap **Save**.



3. Tap **Save** to store the location as one of your favorites. The location will be added to the list of your favorite items.

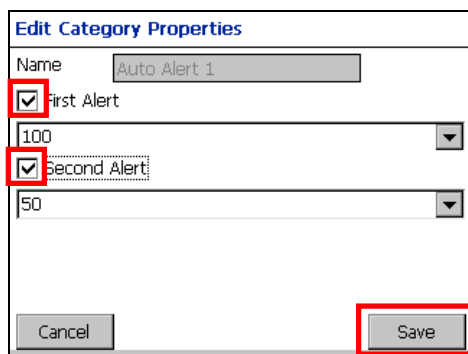


4. Press the Back button  to exit and save the changes.

Configuring Auto Alert Category

You can configure two distances for each automatic alert. Mio Map will first alert you when you are within the first distance and then alert you when you are within the second.

1. Press the Navigation Settings button  once and tap **Favorites**.
2. Tap (highlight) the **Auto Alert 1** or **Auto Alert 2** category you want to configure.
3. Tap **Tools** (top toolbar) → **Edit**.



4. To enable both alerts, check both boxes. Or, you can disable one of the alerts by clearing the box next to it. If you configure two alerts, the first must have a greater distance than the second.
5. From the pull-down menus, select a distance for each enabled alert. Mio Map will alert you when the distance between your current traveling position and the location of the alert equals the distance you enter here.
6. Tap **Save** to complete the configuration.

Managing Favorites

Editing or Deleting an Item in Favorites

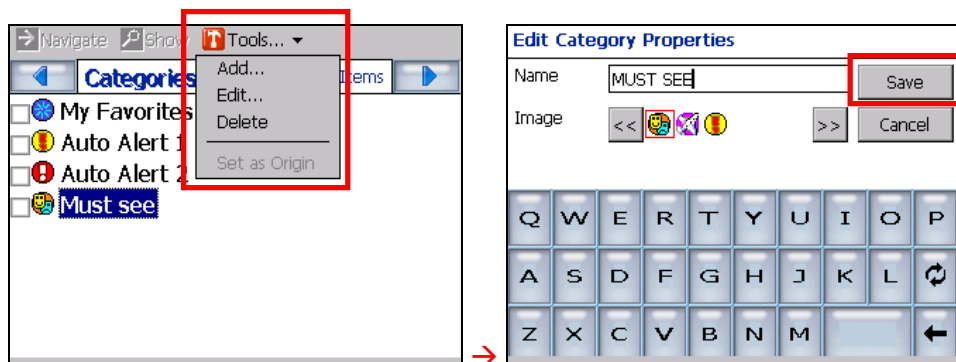
1. Press the Navigation Settings button  once and tap **Favorites**.
2. Tap (highlight) the category.
3. Tap **Items**.

4. Tap (highlight) the item you want to edit or delete.
5. Tap **Tools** (top toolbar) → **Edit** or **Delete**.

Editing or Deleting Your New Category in Favorites

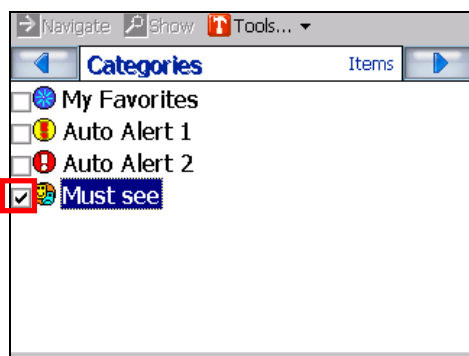
NOTE: You cannot edit or delete My Favorites, Auto Alert 1 and Auto Alert 2 categories.

1. Press the Navigation Settings button  once and tap **Favorites**.
2. Tap (highlight) the category (the one you created).
3. To edit or delete the category, tap **Tools** (top toolbar) → **Edit** or **Delete**.



Displaying Favorites Icons on the Map

If you want the Favorite icons to display on the map, press the Navigation Settings button  once and tap **Favorites**. Tap the checkbox before the category name.

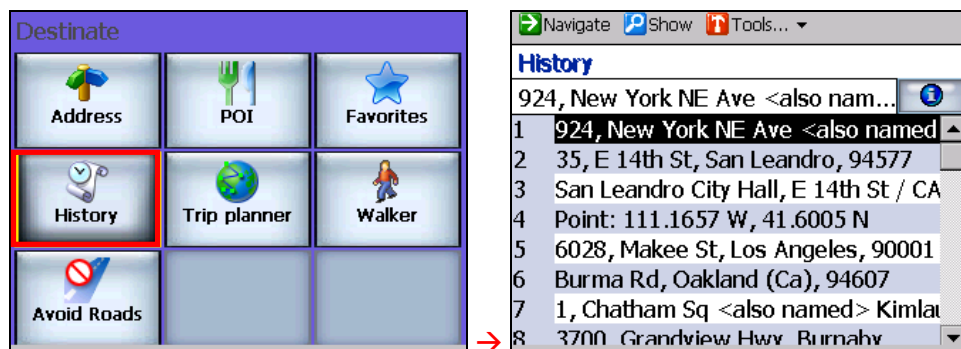


6.4 History

History is a list of previous destinations. It allows you to select a previous destination for searching, viewing, or use again.

NOTE: Mio Map automatically stores the last few in memory. As newer destinations are written, to the top of the stack, the older destinations at the bottom of the stack are erased.

To use History, press the Navigation Settings button  once and tap **History**



With a history selected, you can do any of the followings:

- To reuse it as your destination, tap **Navigate** (top toolbar) to calculate a route.
- To view the location details, tap **Show** (top toolbar).
- To save it as one of your Favorites, tap **Tools** (top toolbar) → **Favorites**.
- To use it as your origin, tap **Tools** (top toolbar) → **Set as Origin**.

6.5 Trip Planner

| NOTE: Trip Planner is not available in Walker mode.

The **Trip Planner** feature allows you to calculate a route any time without initiating GPS positioning.

You can manually select your own origin, waypoints, and destination. Then you can calculate a route for future use.

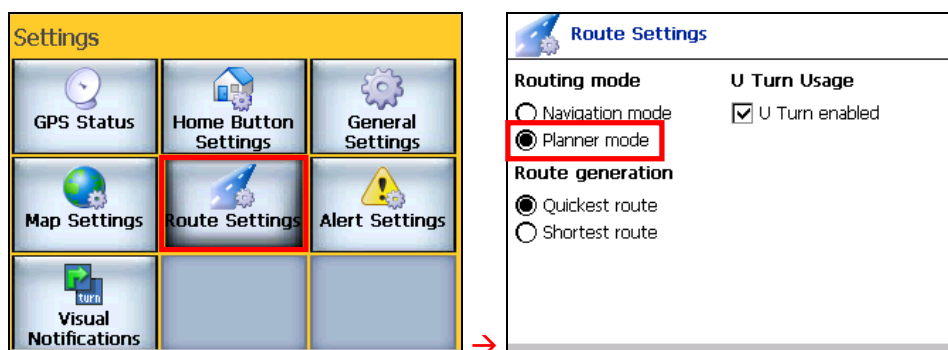
Trip Planner includes four major parts:

- Part 1: Select Planner mode
- Part 2: Manually select the origin
- Part 3: Set waypoints
- Part 4: Calculate the trip route

Part 1. Select Planner Mode

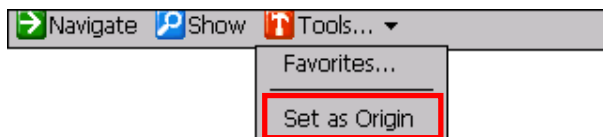
You can use the Trip Planner feature only if you are in Planner mode.

Press the Navigation Settings button  three times and tap **Route Settings**. Tap **Planner mode** and then press the Back button .



Part 2. Manually Select the Origin

Press the Navigation Settings button  once and select a location from Address, POI, Favorites, or History. (See section 5.2 for details.) Then, tap **Tools** (Top toolbar) → **Set as Origin**.



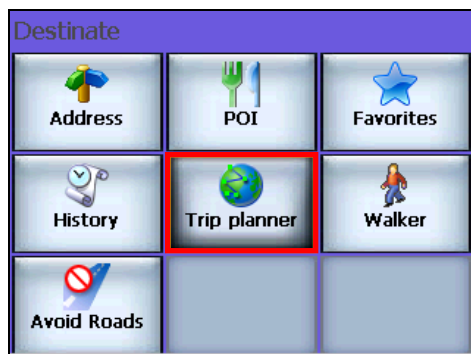
Or, you can drag the map and tap and hold the location on the map. Then, tap **Set as Origin** in the **Map Cursor** pop-up menu.



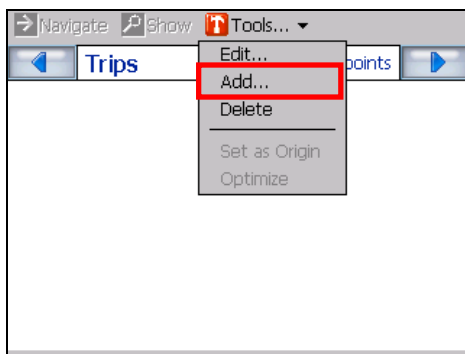
Part 3. Set Waypoints

You can set one or more waypoints if necessary. A waypoint is a stop or break in your journey along a route.

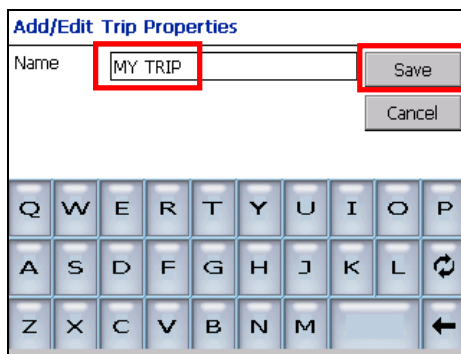
1. Press the Navigation Settings button  once and tap **Trip planner**.



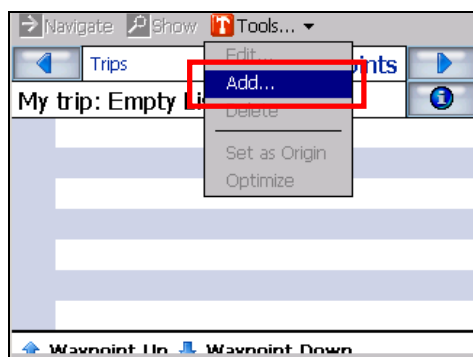
2. If this is the first time you use Trip Planner, you will need to create a trip category in which to store your trip details. To create a trip, tap **Tools** (top toolbar) → **Add**.



3. Type a name (e.g. My trip) using the soft keyboard and tap **Save**.
| NOTE: You can rename an existing category name using **Tools** (top toolbar) → **Edit**.



4. Tap the trip category you just created and tap **Waypoints**.
5. Tap **Tools** (top toolbar) → **Add**.



6. Select a waypoint – be it an Address, POI, Favorites or History. (See section 5.2 for details.)



7. With a location selected, tap **OK** (top toolbar).
8. In “Edit Waypoint Properties” fields, enter a waypoint name or change the default details and tap **Save** to save the waypoint.

Edit WayPoint Properties

Name: Save

Comment:

Trips: ▼

Q W E R T Y U I O P
A S D F G H J K L ↻
Z X C V B N M ⬅

9. Repeat steps 5 to 8 to enter all the waypoints.
10. You can use **Waypoint Down** or **Waypoint Up** to move the waypoints around to suit your purposes or driving needs.

→ Navigate Show Tools... ▼

Trips Waypoints

My trip: OFFICE ⓘ

1 OFFICE ▲

2 HOUSE OF JENNY

Waypoint Up Waypoint Down

Or, you can tap **Tools** → **Optimize** to automatically sort the waypoints in the most effective and quickest route. Note that Optimize does not change the position of the first (origin) or last (destination) items on the list.

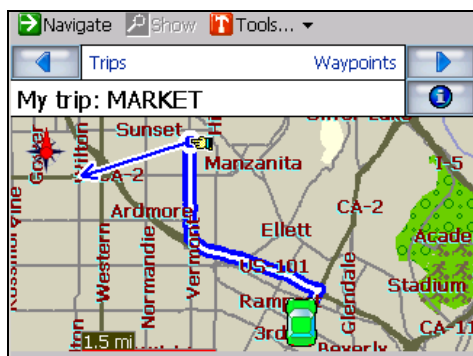
11. You can tap **Show** (top toolbar) to view the complete route.

Part 4. Calculate the Route

To calculate the route, tap **Navigate** (top toolbar).

The route is calculated in stages from the departure point to the first waypoint. Once there, it recalculates to the second waypoint, and then recalculates for the third waypoint and so on.

If you tap **Show**, the first part of the route is shown with the normal blue double lines, but the second, third and parts of the route (after the waypoints) are shown in a series of single line vectors.



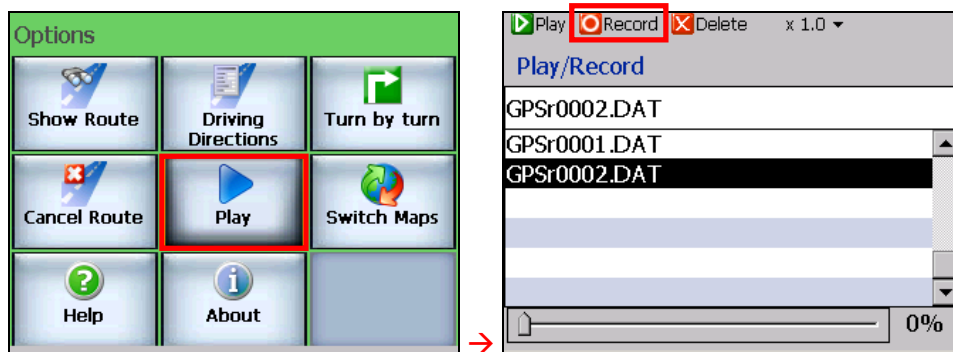
NOTE: To start the trip, remember to change back to Navigation mode by pressing the Navigation Settings button  three times and tapping **Route Settings** → **Navigation mode**.

6.6 Recording a Journey

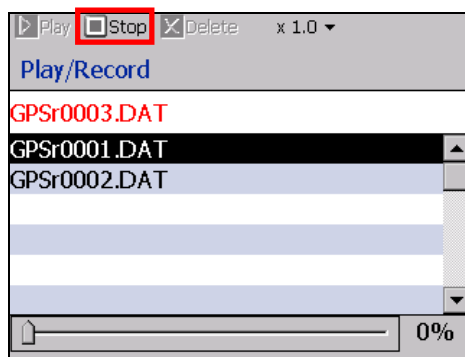
You can record your journey to share with your friends and family or perhaps just to replay your journey.

1. When you are about to begin your journey after calculating a route, press the Navigation Settings button  twice and tap **Play** → **Record** (top toolbar).

NOTE: A filename GPRs00xx.DAT (where xx = the recorded route number) is automatically created.



2. As you travel, Mio Map records your trip.
3. When you have reached the end of your journey, press the Navigation Settings button  twice and tap **Play** → **Stop** (top toolbar).

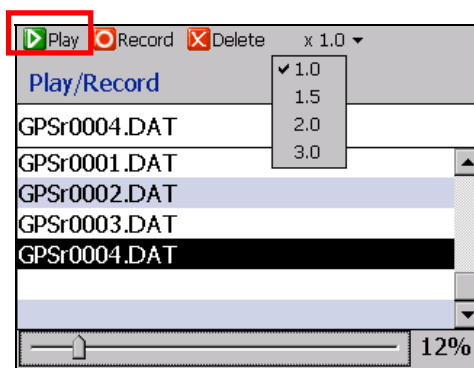


4. To exit the screen, press the Back button .

Playing a Recording

1. Press the Navigation Settings button  twice and tap **Play**.
2. Tap the file you want to play back and tap **Play** (top toolbar).
3. You can advance the playback to start at a different point by moving the slider at the bottom of the screen along the progress track.

You can also adjust the playback speed i.e.: from normal to 3x normal from the pop up list at the top of the screen.



4. To stop the replay, press the Navigation Settings button  twice and tap **Play → Stop** (top toolbar).

Deleting a Recording

1. Press the Navigation Settings button  twice and tap **Play**.
2. Select the **GPSr00xx.DAT** file (where xx = the recorded route number) to be deleted.
3. Tap **Delete** (top toolbar) → **Yes**.

| CAUTION: Once the recorded route is deleted, it is not retrievable.

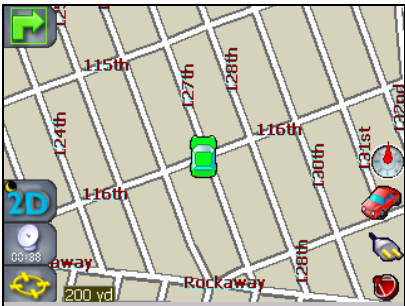
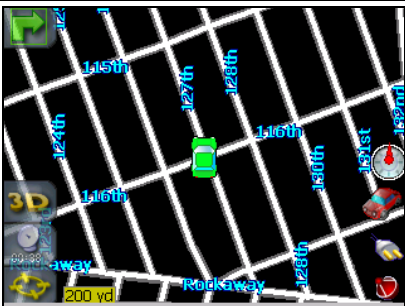
7

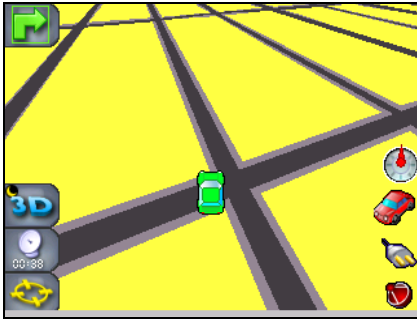
Changing Map Views

Mio Map provides different views of the map to enhance your viewing and navigational experience.

7.1 Types of View

The **2D** button at the left side of the map screen allows you to easily switch the map view among four different views including: 2D, 2D Night, 3D and 3D Night.

Hot Key	Map View	Description
		The default 2D view is the straightforward two-dimensional normal view.
		The 2D Night view is a high contrast, two-dimensional view, optimized for night driving or adverse weather conditions.



3D view is a simplified three-dimensional view showing the map in a basic 3D relief. It shows the basic outline and details of the surrounding roads and general area.



3D Night view is a simplified three-dimensional view with high-contrast colorization optimized for night driving or adverse weather conditions.

7.2 View the Route

Turn by Turn

| NOTE: Turn by Turn is not available in Walker mode.

After calculating a route, you can view turn-by-turn instructions on the map using one of the two methods:

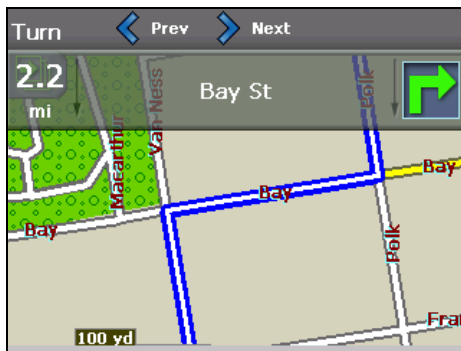
- Press the Navigation Settings button  twice and tap **Turn by Turn**.



- Tap the  button (top left corner) twice until the Driving Directions screen appears and tap  (bottom toolbar).



The **Turn by Turn** screen displays one turn of the planned route at a time. Tap the **Next** or **Prev** icon at the top of the screen to see the next or previous turn.

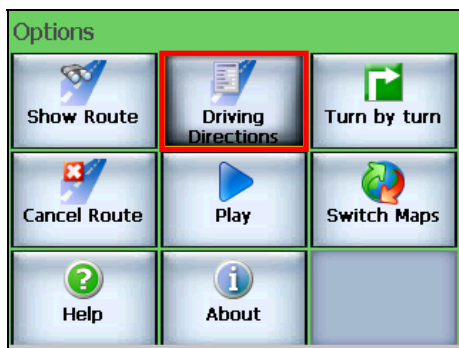


Driving Directions

| NOTE: Driving Directions is not available in Walker mode.

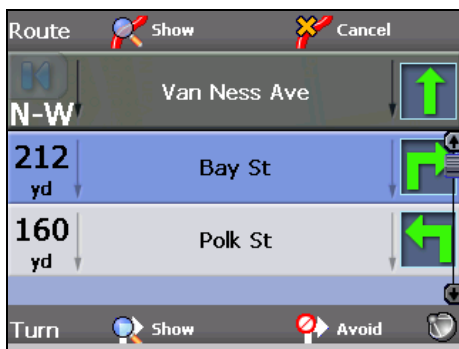
After calculating a route, you can view driving directions using one of the two methods:

- Press the Navigation Settings button  twice and tap **Driving Directions**.



- Tap the hot key  (top left corner) twice screen until the Driving Directions screen appears.

The **Driving Directions** screen displays a complete list of all turns. You can scroll through the list using the scroll bar on the right side of the screen and review the entire route.



Route Options

The Driving Directions screen also gives you several route options.



-  **Show Route**
Displays the Show Route screen. This screen displays your route on the map screen in its entirety, plus details such as the address of your destination, the ETA, and the ETR.
-  **Cancel Route**
Cancels and clears the route from the map screen.
-  **Show Turn**
Displays the Turn by Turn screen for the highlighted turn in the list.
-  **Avoid Turn**
Recalculates the route to exclude a particular turn. When you tap (highlight) a turn in the list and tap , the route is automatically recalculated and a new route is displayed.

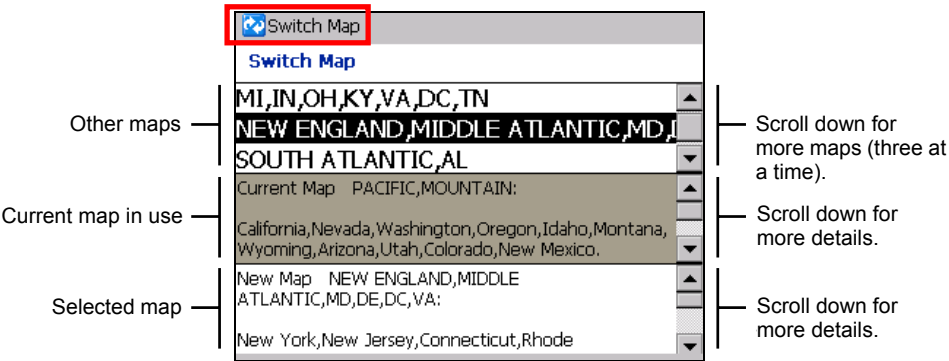
7.3 Switch Maps

Mio Map provides maps for North America including seven regions or parts of USA, USA Roads, and Canada. To switch to another map, press the Navigation Settings button  twice and tap **Switch Maps**.



The middle of the screen shows the current map in use. To change to the map that matches your area, tap the top scroll bar to scroll through the list and tap (highlight) the desired map. The bottom of the screen displays the details of the selected map.

To switch to the selected map, tap **Switch Map** (top toolbar). To leave without changing the map, press the Back button .



8

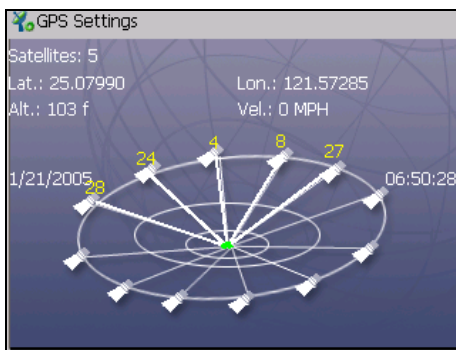
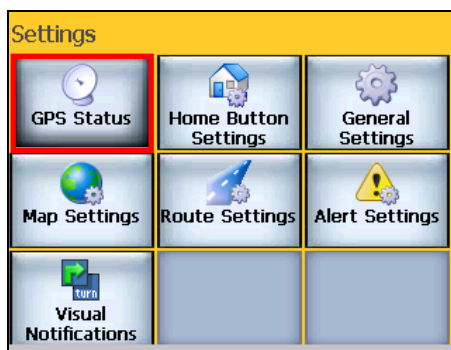
Options, Settings, and Preferences

Mio Map initially has default settings when it is installed. You can customize the settings to suit your personal needs. Once you change the settings, your new settings will remain until you change them again.

8.1 GPS Status

Press the Navigation Settings button  three times and tap **GPS Status** to check the current GPS status. At least four different satellite signals are needed to get a fix on your current position

NOTE: You can also tap the icon  at the lower right corner of the map screen to directly access the status screen.

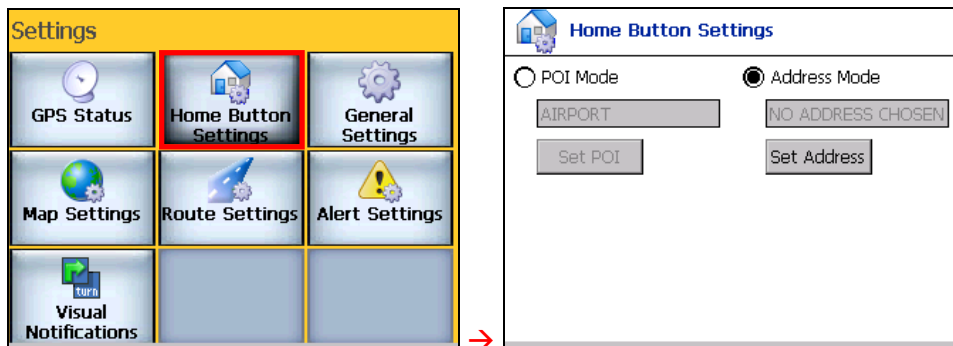


Mio Map uses GPS signals to pinpoint your location. Mio Map remembers your last location. However, to continually update your location, the software must acquire fresh GPS signals. In Navigation mode, the software automatically acquires GPS signals and constantly updates your position.

To exit the screen, press the Back button .

8.2 Home Button Settings

Press the Navigation Settings button  three times and tap **Home Button Settings** to define an address or a POI as your home destination. With a home destination, you can press the Home button  to directly navigate to your home destination from your GPS position.



You can set two types of home and use one of them:

- **Address Mode**

Tap **Address Mode** and tap **Set Address** to select an address as your home. (See section 5.2 for instructions on selecting an address.) After selecting the address, tap **OK** to go back to Home Button Settings screen. The address will appear on the Home Button Settings screen. If this type of home is selected, you will be navigated to the specified address when you press the Home button .

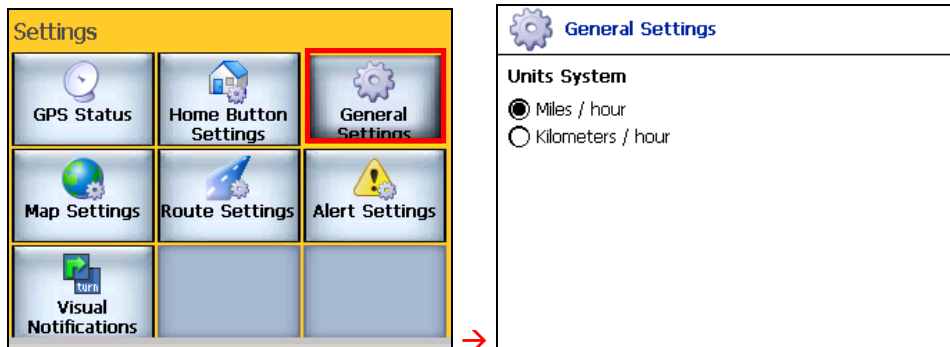
- **POI Mode**

Tap **POI Mode** and tap **Set POI** to select a POI category as your home. (See section 5.2 for instructions on selecting a POI.) After selecting the POI, tap **OK** to go back to Home Button Settings screen. The POI will appear on the Home Button Settings screen. If this type of home is selected, you will be navigated to the nearest POI of the specified category when you press the Home button .

Press the Back button  to exit and save any changes you have made.

8.3 General Settings

Press the Navigation Settings button  three times and tap **General Settings** to choose the unit of measurement for your route.

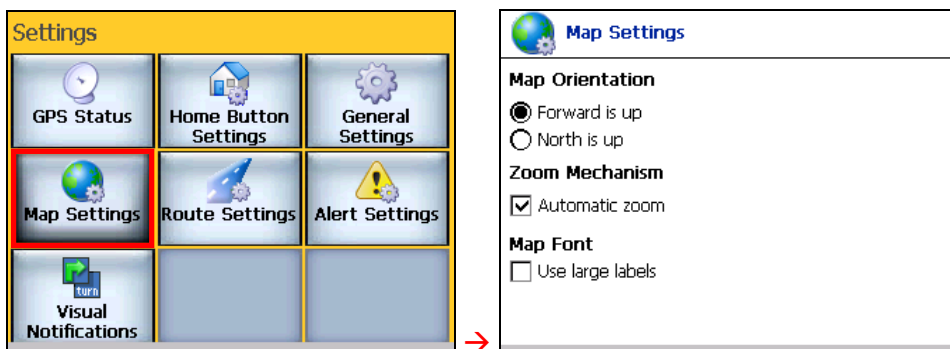


You can select **Miles/hour** or **Kilometers/hour** to display distances.

Press the Back button  to exit and save any changes you have made.

8.4 Map Settings

Press the Navigation Settings button  three times and tap **Map Settings** to access the following settings:



Map Settings	Descriptions
Map Orientation	Select Forward is up to use dynamic map notation. The map will rotate as you turn the direction. Mio Map will also update the compass to show the north-south direction after the turns. Select North is up to keep the map static in a north-up orientation.
Zoom Mechanism	Select Automatic Zoom to allow Mio Map to automatically scale the map appropriately, according to the current speed of the vehicle/person.
Map Font	Select Use Large labels for easier reading under adverse lighting conditions.

Press the Back button  to exit and save any changes you have made.

8.5 Route Settings

Press the Navigation Settings button  three times and tap **Route Settings** to access the following settings:

Settings

GPS Status

Home Button Settings

General Settings

Map Settings

Route Settings

Alert Settings

Visual Notifications

Route Settings

Routing mode

☒ Navigation mode
 ☐ Planner mode

U Turn Usage

☒ U Turn enabled

Route generation

☒ Quickest route
 ☐ Shortest route

Route Settings	Descriptions
Routing Mode	Select Navigation mode for normal driving with GPS on. Select Planner mode if you want to display planned routes, or to plan routes, but not show your progress, as you travel. (See section 6.5 for more information.)

Route generation	Select Quickest route to allow Mio Map to calculate and to estimate the best route based upon both shorter distance and higher speed limits. Select Shortest route to allow Mio Map to calculate the route only considering the shortest distance.
U Turn Usage	Select U Turn enabled to allow U turns while calculating the route.

Press the Back button  to exit and save any changes you have made.

8.6 Alert Settings

Press the Navigation Settings button  three times and tap **Alert Settings** to access the following settings:

Settings

 GPS Status	 Home Button Settings	 General Settings
 Map Settings	 Route Settings	 Alert Settings
 Visual Notifications		

 **Alert Settings**

Voice Prompts

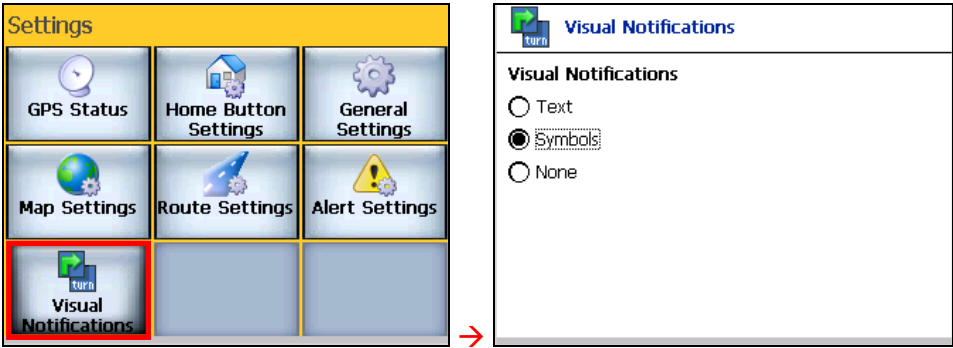
- ☐ "...Over the Speed limit!"
- ☒ "Route Recalculation"
- ☐ "Low Signal.."
- ☐ "GPS Not Found"
- ☒ "Drive Carefully!"

Alert Settings	Descriptions
Voice Prompts	Select the item(s) you want to hear: "...Over the Speed limit!" – gives you a voice reminder when your car exceeds the speed limit on this section of the road. "Route recalculation" – gives a voice prompt that Mio Map will automatically recalculate new route. "Low signal.." – Warning that you are in an area of low signal. "GPS Not Found" – Alerts you if GPS signal is lost. "Drive Carefully" – Friendly reminder at the start of each journey.

Press the Back button  to exit and save any changes you have made.

8.7 Visual Notifications

Press the Navigation Settings button  three times and tap **Visual Notifications** to select the way of notification for the upcoming turns.



Visual Notifications	Descriptions
Visual Notifications	Select one of the following three types: Text – Displays guidance prompts in the form of text. Symbols –Displays guidance prompts in the form of symbols. The screen will flash with an enlarged sign showing the next change of direction. None – No visual prompts displayed.

Press the Back button  to exit and save any changes you have made.

Part III. More Tools

Part III introduces MP3 Player, Contacts, and Mio Transfer.

9

MP3 Player

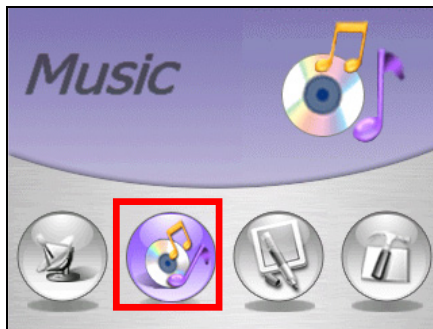
This chapter tells you how to play MP3 files on your device.

9.1 Starting and Exiting MP3 Player

The MP3 Player program turns your device into an MP3 player. It features:

- Playback of MP3 and WAV files
- Basic playback controls such as play, pause, stop, next and previous
- Graphic equalizer settings with 17 presets
- Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- Play list support

Tap the **Music** button on the Home screen to start the MP3 Player program.



The control panel will appear on the screen where you can easily control the MP3 player by tapping the control buttons.



To exit the program, tap  on the lower right of the screen.

9.2 Preparing the MP3 Files for You Device

Before you can play MP3 files, you need to have the files ready on either your device hard drive or a storage card.

A tool called “MP3 Assistant” is supplied to let you easily copy MP3 files from your computer to the correct location. (See section 11.3 for instructions.)

9.3 Playing MP3 Files

1. If your MP3 files are in a storage card, insert the card into your device.
2. Tap the **Music** button on the Home screen to start the MP3 Player program.
3. The program will search for the MP3 files in your device hard drive or in the storage card. When MP3 files are detected, they will be added to the play list.

| NOTE: You can create your own play lists for future playback. (See section 9.4 for details.)

3. To start the playback, tap . To control the playback, use the control buttons as described later.



4. To exit the program, tap  on the lower right of the screen. You will return to the Home screen.

MP3 Playback Control

You can control the MP3 Player via control buttons. See the table below for details:

Control Button	Name	Description
 or 	Play/Pause	Play or pause the playback.
	Stop	Stop the playback.
 or 	Previous/ Next	Move to the previous or next file.
 or 	Volume	Increase or decrease the volume. The indicator on the upper right corner of the panel shows the current volume level.
	Playback Mode*	Cycle through the following modes:  Repeat the current file  Repeat all (Default)  Single playback  Sampling playback

	Sequence*	 Normal sequence (Default)
		 Random sequence
	Open Play List	Open play list. (See Section 9.4 for more information.)
	Equalizer	Open or close the equalizer panel. (See Section 4.5 for more information.)
	Help	Introduce the function and operation of each icon. Tap an icon to see a description line at the bottom of the screen.
	Close MP3 Player	Close the program and return to the Home screen.

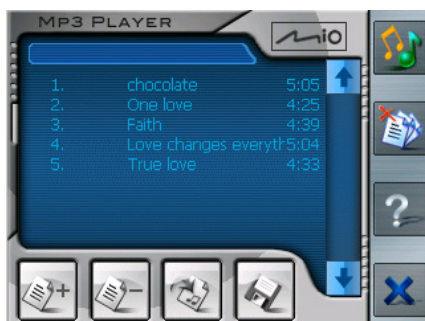
* **Table Note:** When you restart the MP3 Player, both playback mode and sequence will return to its default settings.

9.4 Using Play Lists

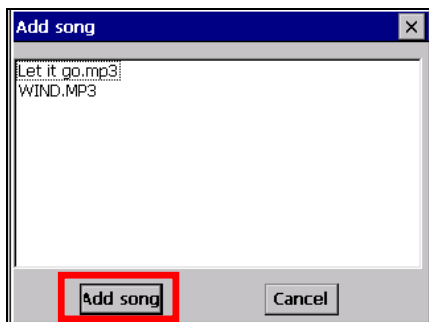
By default, the system automatically loads all MP3 files in the play list. You can also create your own play lists for future use.

Creating a Play List

1. After starting MP3 Player, tap  on the right toolbar to open the play list screen.



2. To add a song in the play list, tap the Add Song button  at the bottom of the screen. A screen appears displaying all the MP3 files. Tap the song you wish to add and then tap **Add Song**.

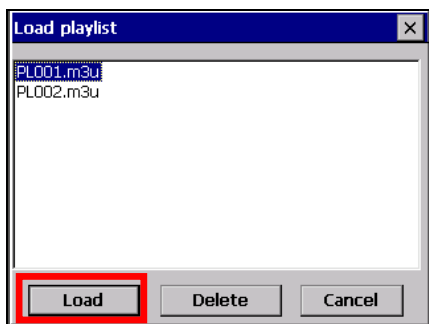


3. Repeat the same procedure for the other songs to be added.
4. To save the play list, tap the Save Playlist button  at the bottom of the screen and then **Yes**.
5. To return to the control panel, tap  on the right toolbar.

Opening a Play List

To open one of the play lists that you have created:

1. After starting MP3 Player, tap  on the right toolbar.
2. Tap the Load button  at the bottom of the screen.
3. Tap the play list you want to open and tap **Load**.



Managing Your Play Lists

When you have opened a play list, you can edit or remove the list.

- **To remove a song from the list:**

Tap the song and then tap the Delete Song button  at the bottom of the screen.

- **To remove all songs from the list:**

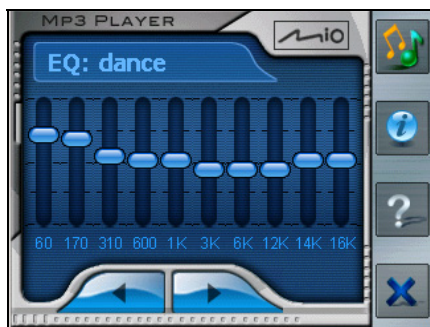
Tap the Delete All button  on the right toolbar.

- **To delete a play list:**

Tap the Load button  at the bottom of the screen. Tap the play list you wish to delete and then tap **Delete**.

9.5 Equalizer

The MP3 Player provides 17 presets for various music effects. Tap  to open the equalizer panel and tap  left button and  right button to access various preset audio profiles. Available options are *Default*, *blues*, *classical*, *club*, *dance*, *full bass*, *full bass & treble*, *full treble*, *dance hall*, *live*, *party*, *pop*, *reggae*, *rock*, *ska*, *soft*, *classic rock* and *techno*.



You can also manually adjust the equalizer by using your stylus pen to tap and hold a frequency slider and then move it up and down to adjust the volume level of that frequency range.

To close the equalizer panel and return to control panel, tap  on the right toolbar. To end the program, tap  at the bottom of the toolbar. You will return to the Home screen.

10

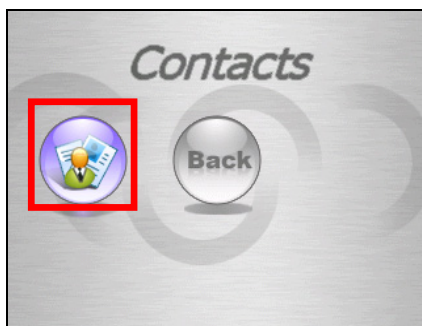
Contacts: Tracking Friends and Colleagues

This chapter tells you how to use Contacts for viewing and managing your contacts information.

10.1 Starting and Exiting Contacts

NOTE: If you have created Microsoft Contacts information on your computer, you can copy the information to your device. (See section 11.4 for information.)

To start Contacts, tap **Tool** on the Home screen and tap **Contacts**.



You will see the contact list screen.

Tap and hold to display a pop-up menu of actions.

File				X			
#ab cde fgh ijk lmn opq rst uvw xyz							
Name	Phone	Mobile Phone					
☰ Annie	408-825-2431	231-345-6721					
☰ Larry R...	512-413-0035	241-652-7380					
☰ Parkins...	916-427-6320	3145-576-4762					

Tap to exit and return to the Home screen.

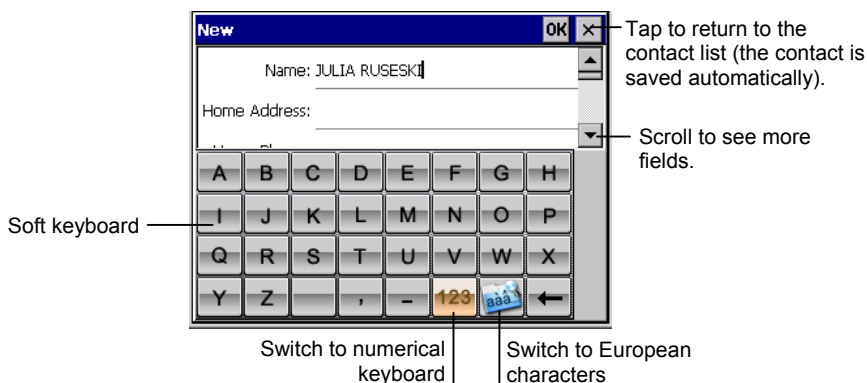
Tap an alphabet group to quickly find your contacts.

Tap to display a summary screen of a contact.

To exit the program, tap **X** on the top right corner of the screen or tap **File** (top toolbar) → **Exit**.

10.2 Creating a Contact

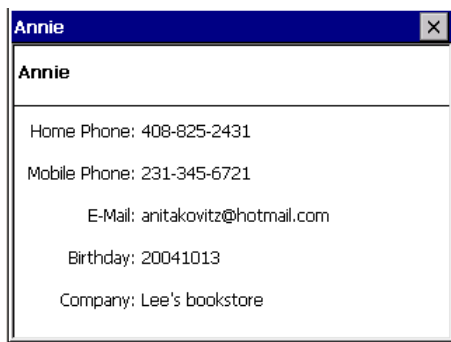
1. After starting Contacts, tap **File** (top toolbar) → **New**.
2. Use the soft keyboard to enter the information in the various fields. You will need to scroll down to see all available fields.
3. Tap **X** on the top right corner of the screen to return to the contact list.



10.3 Displaying the Contacts Summary Screen

There are two ways to display the summary screen of a contact. You can either:

- Double tap a contact in the contact list.
- Select a contact and tap **File** (top toolbar) → **Open** to open the summary screen.



10.4 Editing or Deleting a Contact

To modify your contact details, select the contact and then tap **File** (top toolbar) → **Edit**.

To delete a contact, tap **File** (top toolbar) → **Delete**.

11

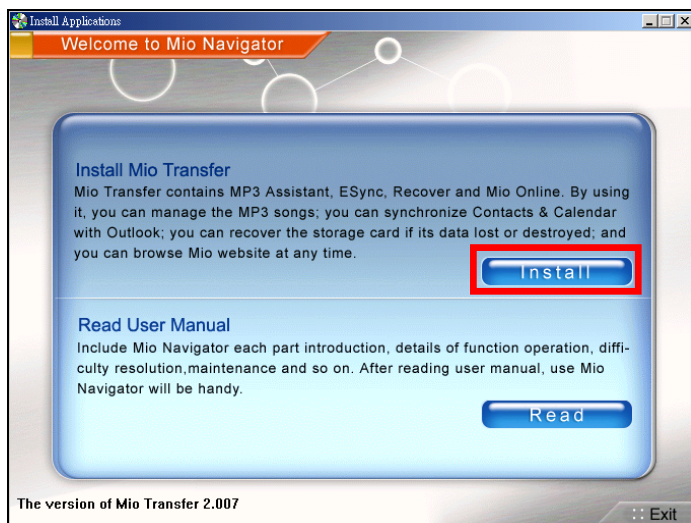
Mio Transfer

This chapter tells you how to use Mio Transfer, a tool for data transfer and recovery.

11.1 Installing Mio Transfer

Follow this procedure to install Mio Transfer on your computer:

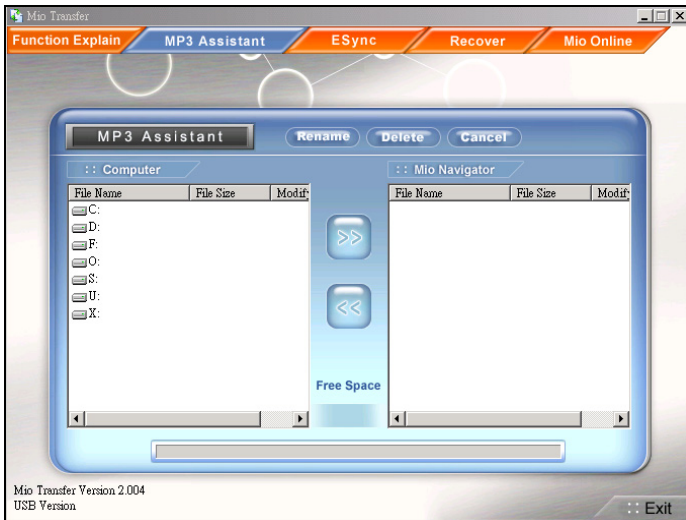
1. Turn on your computer and insert the Application CD into the CD-ROM drive of your computer.
2. When the auto run screen appears, tap the **Install** button in the “Install Mio Transfer” section. (If the auto run screen does not appear, double click the **AutoRun.exe** file in the root directory of the CD.)



3. Follow the onscreen instructions to complete the installation.

11.2 Starting Mio Transfer

On Windows desktop, click **Start → Programs → Mio Transfer**. The Mio Transfer screen appears.



Mio Transfer contains five tabs, including:

- **Function Explain**
Provides a brief introduction of Mio Transfer.
- **MP3 Assistant**
Allows you to transfer the MP3 files between your device and your computer. (See section 11.3 for details.)
- **ESync**
Allows you to transfer the Contacts information from your computer to your device. (See section 11.4 for details.)
- **Recover**
Allows you to recover the map data and the navigation software if any is lost or damaged. (See section 11.5 for details.)
- **Mio Online**
Links you to the Mio website.

11.3 Using MP3 Assistant

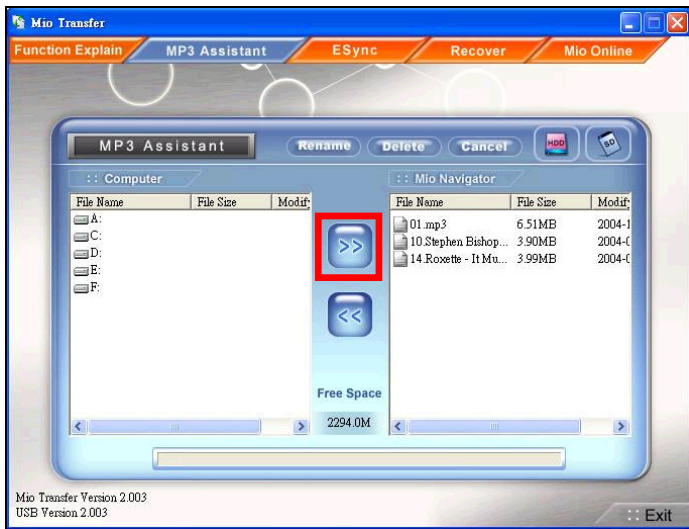
Copying MP3 Files to Your Device

Use **MP3 Assistant** to copy MP3 files to the appropriate location on the device hard drive or a storage card so that the MP3 Player program can detect and play the MP3 files. (For information on MP3 Player, see Chapter 9.)

1. If you want to copy MP3 files to a storage card, insert the card to your device.
2. Turn on your computer and your device.
3. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.



4. Start Mio Transfer by clicking **Start → Programs → Mio Transfer** on your computer. The Mio Transfer screen appears.
5. Click **MP3 Assistant** on the top menu bar. All the drives on your computer will appear on the left column.
6. Select your target device by clicking the  HDD (device hard drive) or  SD (storage card) icon.
7. Select the folder where your MP3 files are stored from the left column. Select the MP3 file you want to copy and tap . The selected file will be copied to the target device.



NOTE:

- MP3 Assistant automatically creates the folder (\ApplicationData\mp3\) needed for playing MP3 files. If you are using other means rather than MP3 Assistant to copy MP3 files, make sure that you create the folder \ApplicationData\mp3\ on your target device and copy the MP3 files in this folder. MP3 Player will not detect MP3 files in other folders.
- You can also copy the MP3 files from your device to your computer by selecting the file from the right column and click <<.

Managing Your MP3 Files

On top of the MP3 Assistant screen are three buttons for management of files. They are:

- **Rename**
Changes the name of the selected file.
- **Delete**
Removes the selected file.

CAUTION: Be discreet when you delete files. Deleting files for which you do not know the functions can cause programs or features to malfunction.

- **Cancel**
Aborts the ongoing data transfer.

11.4 Using ESync

ESync allows you to copy the Microsoft Outlook Contacts information from your computer to your device. This saves you the time for entering the information all over again on your device. (For information on Contacts, see Chapter 10.)

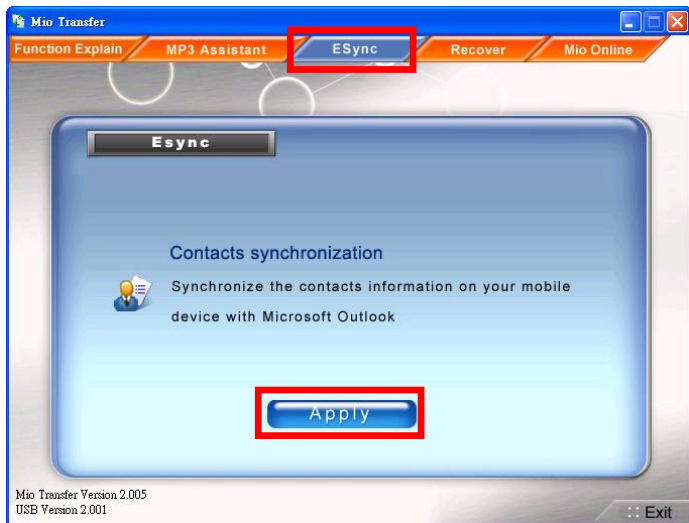
NOTE:

- ESync can only copy Contacts information from your computer to your device. You cannot use it the other way around.
- ESync is not a synchronizing tool.

1. Turn on your computer and your device.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.



3. Start Mio Transfer by clicking **Start** → **Programs** → **Mio Transfer** on your computer. The Mio Transfer screen appears.
4. Click **ESync** on the top menu bar.
5. Click **Apply**.



11.5 Using Recover

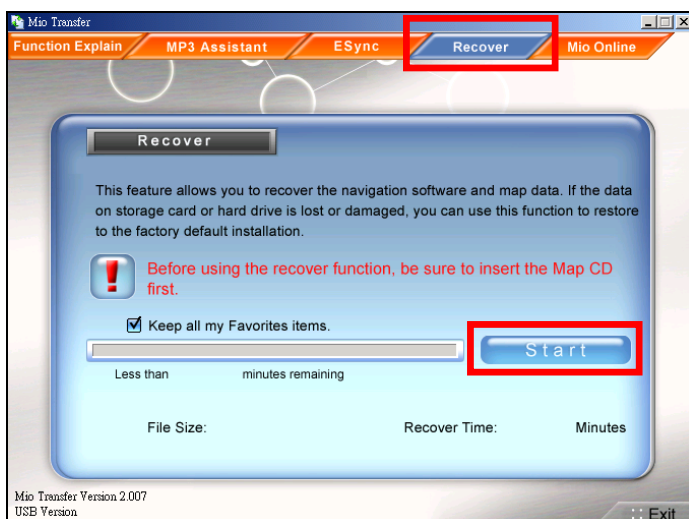
Recover allows you to recover map data and the navigation software if any on your device hard drive is lost or damaged.

NOTE: If the recovering process is interrupted, be sure to start the whole recovering process all over again.

1. Turn on your computer and your device.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.



3. Start Mio Transfer by clicking **Start** → **Programs** → **Mio Transfer** on your computer. The Mio Transfer screen appears.
4. Click **Recover** on the top menu bar.
5. If you want to keep all your Favorites items that you created in Mio Map, check the box besides “Keep all my Favorites items.”
6. Insert the Mio Map CD into the CD-ROM drive of your computer.
6. Click **Start** to start the recovering process.



8. Insert the next Mio Map CD when prompted.
9. When the recovering process is complete, reset your device by pressing the reset button. (See section 12.1.)

Part IV. References

Part IV gives you useful instructions on solving common problems and provides guidelines for maintenance. It also provides the regulatory information and the safety precautions for the device.

12

Troubleshooting and Maintenance

This chapter gives solutions to common problems you may encounter. It also provides guidelines on taking care of your device.

NOTE: If you encounter a problem you cannot solve, contact an authorized service center for assistance.

12.1 Resetting Your System

Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be “frozen” or “locked up.”

Use the stylus to press the reset button on the side of your device. This is called a “soft reset.” The Home screen should appear after a soft reset.

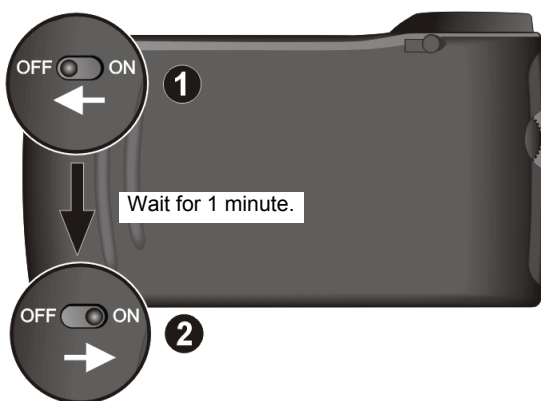


If your device still does not respond after a soft reset, you can use the following steps to perform a “hard reset.”

NOTE: Date/time, language, and volume settings restore to the default values when you perform a hard reset.

1. Disconnect all cables, including the AC adapter, from your device.

2. Use the stylus to slide the ON/OFF switch to the OFF (left) position.
3. Wait for 1 minute and then slide the switch back to the ON (right) position.



4. Your device turns on and displays the initial start up screen. Complete the settings as described in section 1.1.

12.2 Troubleshooting

Power Problems

Power does not turn on when using battery power

- The remaining battery power may be too low to run your device. Connect the AC adapter to your device and to AC power. Then, turn on your device.

Warning Screen

A temperature warning screen appears and your device stops operating

- When the device temperature drops to around -5°C (23°F), a warning screen will appear and remain, preventing you to use your device any more. This is a protection mechanism against the malfunction of the hard drive in extreme low temperature. When this happens, you can move the device to a warmer place. The device will then automatically restart once its temperature rises to a working range. If you ever turned off the device, simply turn it on after the device temperature is higher.

Screen Problems

Screen is off

If the screen does not respond even after you press the power button, try the following in order until the problem is solved:

- Connect the AC adapter to your device and to external AC power.
- Reset your system.

Screen responds slowly

- Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen freezes

- Reset your system.

Screen is hard to read

- Make sure that the backlight of the display is on.
- Move to a location with more light.

Inaccurate response to stylus taps

- Recalibrate the touch screen. (See section 3.4 for instructions.)

Connection Problems

Cable Connection Problems

- Make sure that your device and your computer are both turned on before trying to establish a connection.
- Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
- Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

GPS Problems

When there are no valid signals available, consider the following:

- Make sure that the GPS antenna has a clear view of the sky.
- Note that the GPS reception can be affected by:
 - ✓ Bad weather
 - ✓ Dense overhead obstacles (e.g. trees and tall buildings)
 - ✓ Other wireless device in the car
 - ✓ Reflective car window tint

12.3 Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Take care not to sit on the device. We advise not to carry the device in one's back pocket for that reason.
- The screen surface can easily be scratched. Use only the stylus to tap on the screen. Avoid touching it with your fingers, pens, pencils or any other sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.

- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

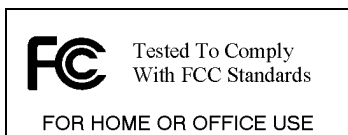
13

Regulatory Information

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

13.1 Regulations Statements

Class B Regulations



USA

Federal Communications Commission Radio Frequency Interference Statement

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

Canada

Canadian Department Of Communications

Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numérique de Classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouilleur.

European Notice

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1995/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) – as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

EN301489-1: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN301489-3: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz

EN55022: Radio disturbance characteristics

EN55024: Immunity characteristics

EN6100-3-2: Limits for harmonic current emissions

EN6100-3-3: Limitation of voltage fluctuation and flicker in low-voltage

supply system

EN60950 / IEC 60950: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

13.2 Safety Precautions

About Charging

- Use only the AC adapter (PHIHONG, PSC05R-050) supplied with your device. Use of another type of AC adapter will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated + 5 V dc / 1.0 A”.
- Use a specified battery in the equipment.

About the AC Adapter

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the Battery

- Use a specified charger approved by the manufacturer.

CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

- Important instructions (for service personnel only)
 - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
 - ✓ The battery must be recycled or disposed of properly.
 - ✓ Use the battery only in the specified equipment.

Mio Technology Corp, USA

Address: 47988 Fremont Blvd., Fremont, CA 94538

Technical support no.: 510-252-6950 x 2 (for USA)
1-866-MIO-4-GPS (for Canada)
9:00 am to 5:00 pm CST, Mon - Fri

Website: <http://www.miogps.com>